

Bergen Community College

NJ Higher Education Sector: Community College

AHEAD (Achieve Higher Education in Advance of Diploma) Program

Type of Partnership: College Credits for High School Students

Year Began: 2003

Participants Served: 4

CONTACT INFORMATION

Maxine Lisboa, Director of Admissions and Recruitment

Bergen Community College

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Partners: Fair Lawn High School, Bergenfield High School, Paramus High School, Midland Park High School, Ramapo High School

DESCRIPTION

The AHEAD Program is offered to high school seniors who may wish to get a jump start on their college education. If high school seniors have completed their required course work and have passed the state's high school proficiency test, they are given the option to enroll in courses at Bergen Community College to count as college credit and to perhaps increase their college entrance competitiveness. The program is intended to give these students more options as well as responsibility and some independence.

College Experience Program

Type of Partnership: College Credits for High School Students

Year Began: 1981

Participants Served: 30

CONTACT INFORMATION

Donna Koch, Department Coordinator, Enrollment Management

Bergen Community College

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Partners: all High Schools in Bergen County

DESCRIPTION

The College Experience Program is intended to be a mechanism for talented high school juniors and seniors to pursue advanced education at an early stage in their academic life. Courses applied for are to represent an advanced experience and reflect an accelerated academic interest. Because of this, students requiring developmental courses after taking the NJ College Basic Skills Placement Test are not eligible for the program.

Bergen Community College

NJ Higher Education Sector: Community College

GEAR UP

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 341

CONTACT INFORMATION

Ms. Jill Cannady, Program Director

Bergen Community College

Dwight Morrow High School, Englewood, NJ 07631

Telephone: (201) 227-2332

Partners: Dwight Morrow High School

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring, Specialized services for disabilities.

Program Services (Other):

Social Skills Development/Confidence Building, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Health Career Partnership Pathway Project

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 2004

Participants Served: Not applicable

CONTACT INFORMATION

Joan Verderame, Associate Professor, Surgical Technology Program Coordinator

Bergen Community College

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Partners: Bergen Community College, Passaic County Community College, Partnership for Community Health, Inc., Hackensack University Medical Center, Englewood Hospital and Medical Center, St. Mary's Hospital, St. Joseph's Hospital and Medical Center, Hackensack Public Schools, Garfield Public Schools, Passaic Public Schools, Paterson Public Schools, Englewood Health Sciences Academies, University of Medicine and Dentistry of New Jersey, Barnett Hospital

DESCRIPTION

The Health Career Partnership creates a supportive pathway that helps students from disadvantaged backgrounds develop the skills needed to successfully transition from high school to college and to a career in the health sciences. The Pathway Project provides for early career exploration and preparation for a full range of allied health professions opportunities. The goal of the program is to help students with disadvantaged backgrounds develop skills required to successfully gain remediation-free admission and to develop higher prerequisites needed to compete for admission to associate degree allied health programs, and to provide dual enrollment opportunities that reduce student cost and time to gain an associate degree and productive employment in the field.

Bergen Community College

NJ Higher Education Sector: Community College

Health Careers Academy

Type of Partnership: Precollege Program

Year Began: 2004

Participants Served: 9

CONTACT INFORMATION

Joan Verderame, Director of Surgical Technology/ Associate Professor

Bergen Community College

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Email: jverderame@bergen.edu

Web Site: www.bergen.edu

Partners: Ridgewood High School

DESCRIPTION

Bergen Community College and Ridgewood High School are collaborating on an initiative called "Health Careers Academy." This pathway will provide high school students the opportunity to take general education and science courses given by the College on its campus. While still in high school, student participants will be able to significantly expand their degree and career options by receiving college credit for these courses. This collaborative effort will strengthen student academic preparation, reduce the need for remediation and prerequisite course work, decrease time and financial requirements for students, and increase rates of graduation, certification and transfer.

GEAR UP Program

Type of Partnership: Precollege Program

Year Began: 1999

Higher Education Partner: Englewood Public Schools

Participants Served: 379

CONTACT INFORMATION

Jill Cannady, Project Director

Englewood Public Schools

274 Knickerbocker Road, Englewood, NJ 07631

Telephone: (201) 227-2332

Fax: (201) 871-4525

Email: jcannady@epsd.org

Partners: Janis E. Dismus Middle School, Dwight Morrow High School

DESCRIPTION

Program Services (Academic):

Study Skills Training, Math tutorial - Middle school (7th-8th grade)

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Bloomfield College

NJ Higher Education Sector: Independent College or University

Roseville Avenue School Tutoring Project

Type of Partnership: Tutoring/Academic Support Services

Year Began: 1998

Participants Served: 20 students in grades 1-4 each semester

CONTACT INFORMATION

Elena J. Scambio, Ph.D.

Bloomfield College

Bloomfield, NJ

Partners: Bloomfield College, Roseville Avenue School, Newark, PCCI - non-profit

DESCRIPTION

This tutoring project links elementary students from Newark with college tutors/mentors, many of whom come from the same type of school district as the elementary students. Roseville Avenue School children are driven to the college campus for after-school tutoring. Students are afforded the opportunity to socialize with college students and participate in structured tutoring sessions. Students also participate in physical or artistic group activities.

Upward Bound Program

Type of Partnership: Precollege Program

Year Began: 1966

Participants Served: 65

CONTACT INFORMATION

Ms. Doris Ann Richardson, Director

Bloomfield College

467 Franklin Street, Bloomfield, NJ 07033

Telephone: (973) 748-7615

Email: errb9@aol.com

Partners: Newark, East Orange, and Orange School Districts

DESCRIPTION

The goal of the Bloomfield College Upward Bound Program is to prepare its participants to complete their education beyond high school and to develop, progress, and change into productive, well-rounded individuals. Participants of the program will be more effective communicators upon completion. The program employs a holistic approach toward the accomplishment of its intended objective. Students are offered academic, cultural, social, creative, artistic, and professional enrichment.

Hosted by Bloomfield College since 1966, the Upward Bound Program is a precollege program, serving teenagers (13 - 18 years of age) from selected high schools in the Newark and East Orange areas. The program offers a follow-up component from September - April and a six-week summer residential component from June - August. The eligibility criteria includes completion of the 8th grade, poverty level, household income, and/or first generation status.

Brookdale Community College

NJ Higher Education Sector: Community College

12th Grade Option - Dual Enrollment

Type of Partnership: College Credits for High School Students

Year Began: 2004

Participants Served: 9

CONTACT INFORMATION

Donna Cuddy, Assistant Director, Transfer Resources/Articulation

Brookdale Community College

765 Newman Springs Road, Lincroft, NJ 07738

Telephone: 732.224.2574

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Email: dcuddy@brookdalecc.edu

Web Site: <http://www.brookdalecc.edu>

Partners: Monmouth Regional High School, Henry Hudson High School, Red Bank Regional High School

DESCRIPTION

Qualified high school seniors are invited to participate in the Dual Enrollment Program at Brookdale Community College. The Dual Enrollment Program allows students in participating high schools to complete up to 12 Brookdale credits during their senior year in high school. These credits may be used toward high school and/or college requirements. Taking Brookdale Community College courses while in high school can defray the total cost of attending college. Credits earned through dual enrollment can be used toward degree requirements at Brookdale and/or transferred to a four-year college. The Dual Enrollment Program enables students to accelerate their college career. Students enrolled in this program may enter their freshman year of college with advanced academic standing. The goal of this program is to make ☐ the senior year more meaningful for students.

Basic Skills Outreach

Type of Partnership: High School - College Transition Assistance

Year Began: 2002

CONTACT INFORMATION

Barbara Tozzi, Chairperson, Basic Skills Committee

Brookdale Community College

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Email: btozzi@brookdalecc.edu

Web Site: <http://www.brookdalecc.edu>

Partners: Monmouth County High Schools

DESCRIPTION

The Basic Skills Committee hosts an Outreach conference for high school professionals in the spring semester. The goal of the conference is to foster improved communication between Brookdale and high schools in Monmouth County in order to facilitate a smoother transition for students. High school faculty and guidance counselors will have an understanding of the basic skills requirements at Brookdale. Some conference workshops have included a College Board panel discussion regarding ACCUPLACER and SAT; best practices of incorporating reading, writing, and math across the curriculum; and a testing session that allowed participants to take ACCUPLACER. Developmental courses are offered to students in the summer.

Brookdale Community College

NJ Higher Education Sector: Community College

Brookdale Math/Science/Technology Education Network

Type of Partnership: Professional Development for Teachers

Year Began: 1984

Participants Served: 600-1,000 per year

CONTACT INFORMATION

Helen W. Elliott, Director of Community Programming

Brookdale Community College

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Web Site: <http://www.brookdalecc.edu>

Partners: Belmar-St. Rose, Bradley Beach, Brielle, Eatontown, Hazlet, Spring Lake, Keansburg-St. Ann, Highlands, Keansburg, Little Silver, Long Branch, Long Branch-Holy Trinity, Spring Lake Heights, Marlboro Twsp, Matawan-Aberdeen, Middletown Twsp., Monmouth Beach, Mon-Ocean Educational Services, Tinton Falls, Neptune Twsp., Ocean Twsp-St. Mary, Ocean Twsp., Oceanport, Sea Girt, West Long Branch

DESCRIPTION

The goal of the partnership is to provide professional development for Math and Science teachers from member districts. This is done through 28-32 six-hour workshops. Science, math, and technology professional development workshops are provided during the academic year.

College Fast Start Program

Type of Partnership: College Credits for High School Students

Year Began: 1975

Participants Served: 68

CONTACT INFORMATION

Donna Cuddy, Assistant Director, Transfer Resources/Articulation

Brookdale Community College

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Email: dcuddy@brookdalecc.edu

Web Site: <http://www.brookdalecc.edu>

Partners: High Schools in Monmouth County

DESCRIPTION

Exceptional high school sophomores, juniors, and seniors presently enrolled at any of Monmouth County's high schools are eligible to apply for Brookdale's Fast Start Program. Students must have the written approval of their guidance counselor and parent/guardian. Students must meet with and be recommended by a Brookdale Fast Start Counselor. Eligible students may enroll in one or two college-level courses. Fast Start students pay full tuition and attend Brookdale classes outside of their regular school day. Upon presentation of the high school diploma, credit may be applied to a Brookdale program or available for transfer. Students participating in "Fast Start" meet with a Student Development Specialist, on Brookdale's Lincroft campus, before choosing their classes.

Brookdale Community College

NJ Higher Education Sector: Community College

High Technology High School

Type of Partnership: College Credits for High School Students

Year Began: 1991

Participants Served: 121

CONTACT INFORMATION

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Brookdale Community College

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Email: dcuddy@brookdalecc.edu

Web Site: <http://www.brookdalecc.edu>

Partners: Monmouth County Vocational School District

DESCRIPTION

The mission of High Technology High School is to provide a small, nurturing, student centered learning environment for young people in Monmouth County who are talented and truly interested in areas of Engineering, Science, Mathematics and Technology. High Technology High School (HTHS) is a cooperative venture between Monmouth County Vocational School District and Brookdale Community College. HTHS provides a continuous program of technology education for grades 9 - 12. HTHS is designed with state-of-the-art electronic equipment and provides students with internships and the opportunity to study in a college atmosphere. HTHS junior and senior students take Brookdale courses as part of their required academic program.

Monmouth County Arts High School

Type of Partnership: College Credits for High School Students

Year Began: 2005

Participants Served: none yet, to begin in January 2005

CONTACT INFORMATION

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Web Site: <http://www.brookdalecc.edu>

Partners: Monmouth County Arts High School

DESCRIPTION

Several of the Monmouth County Arts High School courses have been articulated with Brookdale Community College. Students successfully completing these courses will have the option of receiving college credits for their coursework. Students must submit an application and \$25 application fee to Brookdale. A reduced tuition of \$132 per three credit course will be paid by the student. Articulated courses include: Modern Dance, Jazz Ensemble, Broadway Singing, Theatre Arts, and Visual Arts. The goal of the partnership is to challenge talented high school students with college level work.

Brookdale Community College

NJ Higher Education Sector: Community College

Program for Acceleration in Careers of Engineering (PACE)

Type of Partnership: Precollege Program

Year Began: 1982

Participants Served: 43

CONTACT INFORMATION

John M. Jones, Co-Administrator

Brookdale Community College

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Email: coadmins@pace-monmouth.org

Web Site: <http://www.pace-monmouth.org/>

DESCRIPTION

PACE is a science and engineering awareness program in which professionals volunteer their time to work with minority □ high school students to help them prepare for college and technical careers. Emphasis is placed on mathematics □ instruction, engineering orientation, college preparatory skills, leadership development and cultural awareness. The □ primary objectives of the program are to increase student awareness of and desire to pursue career opportunities in science, engineering, and technology; enhance each student's academic preparation for such careers; and instill self-esteem, cultural pride and awareness of African-American and Latino technical accomplishments.

Tech Prep

Type of Partnership: College Credits for High School Students

Year Began: 1992

Participants Served: 120

CONTACT INFORMATION

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Partners: Monmouth County Vocational School District, Freehold regional, Henry Hudson Regional, Ocean County Vocational-Technical School, Keyport HS, Keansburg HS, Rumson-Fair Haven HS, Bergen County Technical Schools

DESCRIPTION

Brookdale Community College participates in a "Technology Preparation" program. Brookdale has Tech Prep articulation agreements with Monmouth County Vocational School District and area high schools. The goal of these agreements is to assist students in making a seamless transition from high school to college and to provide a well-sequenced continuance of quality educational programs for students in career programs. The Tech Prep program allows eligible high school seniors to earn college credit for selected high school coursework that meets college standards. The credits earned through Tech Prep are "banked" for up to two years, until a student successfully completes an additional twelve credits at Brookdale. At that time, the credits earned through Tech Prep are awarded to the student free.

Brookdale Community College

NJ Higher Education Sector: Community College

New Pathways to Teaching in New Jersey

Type of Partnership: Paraprofessional/Alternate Route Training

Year Began: 2003

Higher Education Partner: Brookdale Community College - Division of Outreach, Business and Community Development

Participants Served: 35 (stage II, 2004-05 program)

CONTACT INFORMATION

Susan Craig, Manager, Professional Development Services

Brookdale Community College, Division of Outreach, Business and Community Development

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Email: scraig@brookdalecc.edu

Web Site: <http://www.brookdalecc.edu>

Partners: Brookdale Community College (and 16 other community colleges), New Jersey City University, K-12 school districts, NJ Council of County Colleges

DESCRIPTION

The goal of the New Pathways to Teaching in NJ (NPTNJ) is to ease the K-12 teacher shortage, especially in math, science, and languages, by providing an innovative, effective alternate route to teacher certification program. NPTNJ provides the required academics for newly hired K-12 alternate route teachers. The program also provides districts with highly motivated and qualified substitute teachers who are looking for contracted positions while completing the NTPNJ Program. New Jersey City University adds an additional layer to the partnership by offering graduate credit toward a Master of Arts in Teaching. Several school district superintendents sit on the NPTNJ coordinating council to advise and give feedback from the school district perspective. The six-week summer program acquaints students with the profession of teaching, classroom management, lesson plans, and provides students with 15 hours of guided observation in a K-12 classroom. The academic year component provides student teachers the opportunity for classroom experience in the school district.

Burlington County College

NJ Higher Education Sector: Community College

College Bound of Burlington County

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 40

CONTACT INFORMATION

Dr. Patricia A. Cerulli, Dean of Liberal Arts

Burlington County College

County Route 530, Pemberton, NJ 08068

Telephone: (609) 894-9311

Fax: (609) 726-0442

Email: pcerulli@bcc.edu

Web Site: <http://staff.bcc.edu/CBOUND/>

Partners: Burlington City High School, Pemberton High School

DESCRIPTION

The College Bound program funded by the NJ Commission on Higher Education targets 40 high school students from the districts of Burlington City and Pemberton Township. The grant supports precollege educational and enrichment activities to ensure that students complete high school and successfully pursue post-secondary careers in math, science, or technology. Funds for the grant are designated to provide on-campus programs during the summer and after-school activities during the academic year. During the summer, students enroll in a 3-credit course, plus additional supplemental courses including college study skills. The course work varies from year to year providing new and exciting learning opportunities for students. Students also receive a \$350 scholarship upon completion of the summer program. During the academic year, students are provided academic advisement, tutoring, career exploration, and financial aid information. College mentors and tutors serve as role models throughout the program.

P.A.S.S. Partners for Academic Student Success

Type of Partnership: Precollege Program

Participants Served: 0

CONTACT INFORMATION

Dr. Patricia Cerulli, Dean of Liberal Arts

Burlington County College

County Route 530, Pemberton, NJ 08068

Telephone: (609) 894-9311

Fax: (609) 726-0442

Email: pcerulli@bcc.edu

Partners: all districts in Burlington County (pilot programs in Beverly, Bordentown, Moorestown, Lenape, Pemberton)

DESCRIPTION

The P.A.S.S. program is a county-wide tutoring program initiated by Burlington County College. The program is currently serving five pilot school districts (Beverly, Bordentown, Moorestown, Pemberton, and Cherokee High School) with plans to expand. The district refers students who need tutoring to the PASS Office at the College. The College assigns a tutor, who then provides after-school tutoring in the student's school district. Tutoring sessions begin immediately after school □ on Tuesdays, Wednesdays, and Thursdays.

Burlington County College

NJ Higher Education Sector: Community College

Summer Link

Type of Partnership: Precollege Program

Year Began: 1998

CONTACT INFORMATION

Dr. Patricia Cerulli, Dean of Liberal Arts
Burlington County College
County Route 530, Pemberton, NJ 08068
Telephone: (609) 894-9311
Fax: (609) 726-0442
Email: pcerulli@bcc.edu

Partners: nine school districts in Burlington County

DESCRIPTION

Project Summer Link is a collaborative educational summer program designed to provide tutorial and enrichment activities for specially selected middle school youth. This project "links" college students from Burlington County College as tutors and mentors with junior high school students from nine school districts. The goals of the program are to help middle school students increase school attendance, improve academic skills, and develop enhanced self-esteem. The program runs on the Mt. Laurel and Pemberton campuses for the month of July and engages the students in tutorial and enrichment activities. The program includes small group seminars throughout each day to provide an opportunity for discussion and academic and social guidance. Field trips vary but have included the U.S.S. New Jersey, The Franklin Institute, The Constitution Center, and a working dairy farm. Students serving as mentors must have a strong interest in teaching and demonstrate an enthusiasm for working with youth who may have a record of poor attendance, low academic performance, or possibly a difficult home situation.

Caldwell College

NJ Higher Education Sector: Independent College or University

Colegio Y Mas! Como No!

Type of Partnership: Precollege Program

Year Began: 1992

Participants Served: 30

CONTACT INFORMATION

Ana Serra Prescott, Director of Student Activities

Caldwell College

9 Ryerson Ave, Caldwell, NJ 07006

Telephone: (973) 618-3494

Fax: (973) 618-3929

Email: aprescot@caldwell.edu

Partners: Bergen, Passaic, Hudson, Union, and Essex Counties

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Study Skills Training, Critical Thinking Skill Development, Awareness of positive and negative issues and situations that surround them all year

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, College Awareness, Career Counseling, Personal Counseling, Cultural Activities

Camden County College

NJ Higher Education Sector: Community College

21st Century Community Learning Centers

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Participants Served: 600

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Gloucester City, Camden County College - Frederick L. Cappello

DESCRIPTION

To meet the needs of the students and their families, the Gloucester City Public School District, in partnership with Camden County College and the community of Gloucester City, implemented the 21st Century Community Learning Centers. These centers are placed at the middle schools and one at the high school. The centers provide a broad array of high quality, after-school and summer activities that help students to develop their academic and social skills. Ultimately, they will be better prepared to meet the New Jersey Core Curriculum Content Standards and will be better prepared for postsecondary education and ultimately a career. There is a wide range of classes/opportunities in which students and their families can become involved, including: tutoring, remedial classes at each site (2 math, 3 reading, and 3 writing); arts enrichment courses at each (includes field trips to cultural events); technology training; and entrepreneurship. All programs offered are targeted for mothers and daughters, fathers and sons and other relationships that contribute to a strong family arrangement.

Camden City Paraprofessional Program

Type of Partnership: College Coursework at K-12 Schools

Year Began: 1999

Participants Served: 150-200 students

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Camden Board of Education, Camden Educational Association - Linell Wright, Director, Professional Development, Camden County College - Rick Camacho, Assistant Director

DESCRIPTION

Camden County College and Camden City Board of Education share the goal of offering opportunities to Camden City Board of Education employees to pursue associates and bachelor degrees, to advance in their profession and to meet the No Child Left Behind federal legislation. During the academic year, including the summer, academic workshops and credit courses are provided to these students. Classroom instruction is delivered at the local district level.

Camden County College

NJ Higher Education Sector: Community College

Camden County Paraprofessional Program

Type of Partnership: Paraprofessional/Alternate Route Training

Year Began: 2002

Participants Served: 5-75

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Runnemede School District, Winslow Twsp. School District, Cherry Hill School District, Pine Hill School District, Berlin School District, Somerdale School District, Camden County College - Rick Camacho, Assistant Director

DESCRIPTION

The goal of the program is to provide Camden County Paraprofessionals the opportunity to pursue an associates or bachelors degree, to advance in their profession and to meet the requirements of the No Child Left Behind federal legislation. The Instructional Aide Paraprofessional Core Certificate Program prepares students for entry-level positions as instructional aides in a school setting. In addition, individuals currently holding instructional aide positions may use this program to enhance classroom and related skills and meet the current New Jersey state requirements. During the academic year, including the summer, the program provides academic workshops and credit courses to these students during the summer and academic year. Classroom instruction is delivered at the local district level.

College Now

Type of Partnership: College Credits for High School Students

Year Began: 1996

Participants Served: 125-180

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: All Camden County districts can participate, Camden County College - Maralyn Mason, Associate Dean of Student Support Services

DESCRIPTION

College Now is a program that allows high school students to enroll in college courses at Camden County College while still in high school. Students can bank credits for future enrollment at Camden County College or transfer these credits to other colleges and universities. This program is part of the first year option. The program requires high school students desiring to take college-level courses at Cherry Hill, Camden, or Blackwood campus to: obtain a letter from the high school principal, take the college placement test, meet with the assistant dean, and complete required forms, register, and provide payment.

Camden County College

NJ Higher Education Sector: Community College

College Now - Video Production

Type of Partnership: College Credits for High School Students

Year Began: 2004

Participants Served: 14

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Pennsauken School District, Camden County College - Dr. Kathleen Carter, Camden County College - Professor Phyllis Owens

DESCRIPTION

This is a partnership program with the Pennsauken School District and Camden County College. Students attend 2 college classes per semester at their high school. The courses are taught Camden County College instructors. This program is designed to provide introductory instruction in technical careers and video production. Students can earn up to 12 credits and gain guaranteed acceptance into the College's Video Production Program. Career counseling through a 3-credit college readiness course is also provided. Students will be required to prepare a video program for community telecast as a part of the program requirements.

Entrepreneurship/Business Management Academy for High School Students

Type of Partnership: High School - College Transition Assistance

Year Began: 2003

Participants Served: 57

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

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Partners: Camden City - Annette Knox, Audubon - Mary Anne Rende, Sterling - Jack L. McCulley, Camden County Technical School - Dr. Gary G. Bennett, Rutgers - Dr. Leontiacles, Camden County College - Frederick L. Cappello

DESCRIPTION

The program provides selected eleventh and twelfth grade students interested in pursuing a Bachelor's degree and a career in business management with a seamless educational pathway that provides academic and industry support. The program combines the final two years of high school with four years of college, resulting in a college degree and a place in tomorrow's workforce. The program is designed to help students enter the workplace fully prepared for current and future employment opportunities in a global economy. The curriculum joins secondary and postsecondary program utilizing the 2+2+2 model to provide a seamless transition from one level to the other. At the secondary level, students receive instruction in math, science, computer, and business skills. They have the opportunity to earn up to 24 college credits while in high school and participate in various career experiences at selected businesses during the year.

Camden County College

NJ Higher Education Sector: Community College

E-TEACH

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2001

Participants Served: 3,500

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Audubon, Camden Academy Charter, Cherry Hill, Cumberland, Florence Twp., Winslow, Haddon Heights, Haddon Twp., Lindenwold, Pine Hill, Rosa International Middle School, Sterling Regional, Voorhees, Camden County College - Dr. A. Spatola

DESCRIPTION

E-TEACH partners with the school districts, and offers an opportunity for school districts to have students in grades 8-12 apply computer technology to evaluate and score their essay writing. The system, developed by the Educational Testing Service (ETS), evaluates essays and applies acceptable standards of structure/syntax, discourse/organization, and content/vocabulary and then applies them to score essays using natural-language processing. Students submit sample essays over the Internet and receive feedback on their essays via the Internet. Teachers receive a one-day, in-service session and then instruct students on the use of the E-TEACH program. Students can participate with home computers, as well as in school. Benefits to teachers include instant results, elimination of the handwriting factor, and diagnostic recommendations. The students benefit by being able to write and revise as much as they like. Parents can review ratings and samples with their children at home.

Gloucester City Paraprofessional Program

Type of Partnership: Paraprofessional/Alternate Route Training

Year Began: 1999

Participants Served: 25-40

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Gloucester City School District, Camden County College - Rick Camacho

DESCRIPTION

The goal of the program is to offer Gloucester City Paraprofessionals the opportunity to pursue associates and bachelor degrees, to advance in their profession, and to meet the requirements of the No Child Left Behind federal legislation. The Instructional Aide Paraprofessional Core Certificate Program prepares students for entry-level positions as instructional aides in a school setting. In addition, individuals currently holding instructional aide positions may use this new program to enhance classroom and related skills, and to meet the current New Jersey state requirements. During this academic year including the summer, we provide academic credit courses to these students. Classroom instruction is delivered at the local district level.

Camden County College

NJ Higher Education Sector: Community College

Health Careers Opportunity Program (HCOP)

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Participants Served: 100

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Camden City, Gloucester City, Camden County College - Dr. Wendy Blume & Ms. Patricia Chappell

DESCRIPTION

The goal of this partnership program is to assist students from disadvantaged backgrounds in developing the skills needed to successfully compete for admission, enroll, and graduate from a health or allied health profession program, thus enabling entrance into area health care practice. Camden County College has/will: establish a health career/science club after school; provide resource speakers and field trips for students in grades 9-12; provide a financial aid workshop; provide middle school students with career information; present a Health Career Explanation model for students; and present a Health Career Fair for students

High School Photonics Program

Type of Partnership: Build Interest in a Specific Discipline - Photonics

Year Began: 2003

Participants Served: 20

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Camden County Technical School, Camden County College - Dr. Kathleen Carter

DESCRIPTION

The High School Photonics Program provides a seamless educational pathway with established academics and industry support for Camden County Technical High School students interested in pursuing a career in the photonics industry. High school students can earn up to 10 college credits per year. There are three college courses offered each year at the Technical School. A college professor visits the high school once a week to lecture, and students attend the Blackwood Campus for "hands-on experience" in the laser laboratory once a week.

Camden County College

NJ Higher Education Sector: Community College

High School Plus

Type of Partnership: College Credits for High School Students

Year Began: 1996

Participants Served: 1500

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: 27 high schools, Camden County College - Dr. Theodore Barthold

DESCRIPTION

The High School Plus Program is designed to accelerate student achievement by awarding college credits for college-level work completed in high school. The program is offered for freshman-level general education college courses. These courses include such diverse offerings as foreign language, computer science, chemistry, physics, biology, psychology, and history. Upon approval by appropriate college faculty of the specific high school curricula, the courses are taught by high school teachers. Usually, the courses approved for college credit are honors AP high school courses, which have been certified as containing all the components of the college-level course for which credit will be awarded. Therefore, a student taking high school Physics I, for example, is receiving both high school credit and four (4) college credits. Throughout the academic year, the college faculty representative monitors course content, testing instruments, and evaluation procedures to insure the high school course meets college academic standards. Following successful completion of the course, the student is provided a graded transcript from Camden County College. Upon request, an official Camden County College transcript is sent to the college(s) of choice.

Substitute Teacher/School Nurse Program

Type of Partnership: Paraprofessional/Alternate Route Training

Year Began: 1996

Participants Served: 300

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Camden County Superintendent of Schools, Camden County College - Frederick L. Cappello

DESCRIPTION

This a partnership with the Camden County Superintendent of Schools and 37 school districts in Camden County. The college provides a 20-hour course for potential substitute teachers. The training session is offered each month. In addition, potential substitute school nurses are offered similar opportunity geared to the needs of the district. Students learn classroom survival skills, receive two continuing education credits, and complete all required state paperwork in-class. The training covers: substitute application process; employing successful classroom management techniques; cultivating positive first impressions; gaining and sustaining appropriate rapport with students; articulating clear lesson goals and procedures; and making efficient use of instructional time, and other topics.

Camden County College

NJ Higher Education Sector: Community College

TECH PREP - Countywide

Type of Partnership: High School - College Transition Assistance

Year Began: 1990

Participants Served: 800-900 High School Students

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Audubon, Black Horse Regional, Camden, Cherry Hill, Collingswood, Eastern, Gloucester City, Haddon Heights, Haddon Twsp., Pennsauken, Lindenwold, Overbrook, Sterling, Winslow, Woodrow Wilson, Atlantic County Tech, Burlington County Tech, Cape May County Tech, Cumberland County Tech, Gloucester County Tech, Salem County Tech, Chester County PA, Hammonton, Camden County College

DESCRIPTION

This partnership is with the 24 Camden County High Schools, 7 County Tech Schools, and one Pennsauken school. This program utilizes the 2+2+2 Tech Prep model and emphasizes partnerships via formal articulation agreements, curriculum development and/or review through a planned sequence of study in 11th and 12th grades.

TECH PREP (Law Public Safety & Security)

Type of Partnership: College Credits for High School Students

Year Began: 2003

Participants Served: 5 districts, 100 students

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Camden Academy Charter School, Sterling Regional High School, Collingswood High School, Gloucester City High School, Camden County Technical School, Camden County College, College of New Jersey

DESCRIPTION

Tech Prep provides an opportunity to earn college credits while in high school and apply those credits toward an associate degree at Camden County College in Criminal Justice. The program is in its second year of a three year sequence that addresses security and protective services; law and legal services; and fire management services. Tech Prep Program is a combined secondary and postsecondary pathway which leads to an associate degree or two-year certificate, provides technical preparation in at least one field of technology, builds student competence in mathematics, science, and communication through a sequential course of study, and leads to placement in employment.

Camden County College

NJ Higher Education Sector: Community College

Transition to College Program

Type of Partnership: High School - College Transition Assistance

Year Began: 1999

Participants Served: 15-20

CONTACT INFORMATION

Frederick L. Cappello, Director, Office of School/College Partnerships & Off-Campus Programs

Camden County College

PO Box 200, Blackwood, NJ 08012

Email: fcappello@camdencc.edu

Web Site: <http://www.camdencc.edu>

Partners: Brookfield Academy - Dr. Dorothy Van Horn, Camden County College - Frederick L. Cappello

DESCRIPTION

The Transition to College Program is a collaborative undertaking with Brookfield Academy in Cherry Hill. Based at the Blackwood campus, it provides an intensive academic program to eligible junior and senior special education students. This unique program is intended to help independent, high-functioning students progress onward by providing them with a structured and supportive therapeutic program. It is designed to assist students in developing the skills needed to deal with the academic rigors and behavior required to be successful in a college setting. Students in the Transition to College Program are required to take at least one three credit college course each semester. By the end of the two year program, students will have had the opportunity to earn at least 12 credits toward an undergraduate college degree. Additionally, students will have had the opportunity to explore various career options and get their transition plan solidly underway.

Upward Bound

Type of Partnership: Precollege Program

Participants Served: 98

CONTACT INFORMATION

Gil Shaw, Director

Camden County College

P.O. Box 200, Blackwood, NJ 08012

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Fax: (856) 374-4966

Email: gshaw@camdencc.edu

Partners: Overbrook High School, Winslow High School, Lindenwold High School

DESCRIPTION

Camden County College's Upward Bound Program is designed to generate in its 80 participants the skills and motivation needed to graduate from a secondary education program and to enroll and succeed in a post-secondary institution. The Upward Bound program provides the following services: mentoring, college assistance and preparation, academic instruction in English, mathematics, science, foreign language, computers and other subjects as needed by program participants, career exploration, tutoring, cultural enrichment, counseling, a comprehensive summer component, and SAT preparation in addition to other services necessary for future success.

Centenary College

NJ Higher Education Sector: Independent College or University

Academy Street School/Centenary College Professional Development Schools

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: 40

CONTACT INFORMATION

Dr. John F. Autore, Assistant Professor of Education

Centenary College

P.O. Box 200, Hackettstown, NJ

Telephone: 908.852.1400 x 2326

Email: autorej@centenarycollege.edu

Partners: Centenary College, Academy Street School, Dover Board of Education

DESCRIPTION

Administrators, faculty, and staff at the three PDS schools will be entitled to register for classes at Centenary College for one-half the regular tuition rate. Additionally, courses will be offered at a PDS school site for in-service teachers, also at one-half tuition. PDS faculty will be encouraged to attend workshops on the Centenary campus. Student teachers intern at PDS schools and interact on a variety of levels with school professionals. Although the wording used by each organization varies, they concur that such schools provide a clinical setting for pre-service education, engage in professional development for practitioners, promote and conduct inquiry that advances knowledge of schooling, and provide an exemplary education for a segment of P-12 students.

Hackettstown Middle School/Centenary College Professional Development Schools

Type of Partnership: Professional Development for Teachers

Year Began: 2004

Participants Served: 50

CONTACT INFORMATION

Dr. John F. Autore, Assistant Professor of Education

Centenary College

P.O. Box 200, Hackettstown, NJ

Telephone: 908.852.1400 x 2326

Email: autorej@centenarycollege.edu

Partners: Centenary College, Hackettstown Middle School, Hackettstown Board of Education

DESCRIPTION

Administrators, faculty, and staff at the three PDS schools will be entitled to register for classes at Centenary College for one-half the regular tuition rate. Additionally, courses will be offered at a PDS school site for in-service teachers, also at one-half tuition. PDS faculty will be encouraged to attend workshops on the Centenary campus. Student teachers intern at PDS schools and interact on a variety of levels with school professionals. Although the wording used by each organization varies, they concur that such schools provide a clinical setting for pre-service education, engage in professional development for practitioners, promote and conduct inquiry that advances knowledge of schooling, and provide an exemplary education for a segment of P-12 students.

Centenary College

NJ Higher Education Sector: Independent College or University

White Rock School/Centenary College Professional Development Schools

Type of Partnership: Professional Development for Teachers

Year Began: 2004

Participants Served: 40

CONTACT INFORMATION

Dr. John F. Autore, Assistant Professor of Education

Centenary College

P.O. Box 200, Hackettstown, NJ

Telephone: 908.852.1400 x 2326

Email: autorej@centenarycollege.edu

Partners: Centenary College, White Rock School, Jefferson Board of Education

DESCRIPTION

Administrators, faculty, and staff at the three PDS schools will be entitled to register for classes at Centenary College for one-half the regular tuition rate. Additionally, courses will be offered at a PDS school site for in-service teachers, also at one-half tuition. PDS faculty will be encouraged to attend workshops on the Centenary campus. Student teachers intern at PDS schools and interact on a variety of levels with school professionals. Although the wording used by each organization varies, they concur that such schools provide a clinical setting for pre-service education, engage in professional development for practitioners, promote and conduct inquiry that advances knowledge of schooling, and provide an exemplary education for a segment of P-12 students.

College of New Jersey, The

NJ Higher Education Sector: State College or University

Center for Assistive Technology & Inclusive Education Studies

Type of Partnership: Other

Year Began: 2002

Higher Education Partner: The College of New Jersey

Participants Served: varies by year; 17 partners 2002-2004

CONTACT INFORMATION

Amy G. Dell, Director

The College of New Jersey

PO Box 7718, Ewing, NJ 08628-0718

Telephone: 609.771.3016

Fax: 609.637.5179

Email: caties@tcnj.edu

Web Site: <http://caties.tcnj.edu>

Partners: Bernards Township Public Schools, Chatham SD, Fredon Twsp SD, East Brunswick SD, Hamilton Twsp SD, Highland Park SD, Hopewell Valley Regional SD, Livingston SD, Manalapan-Englishtown Regional SD, Mendham Twsp SD, Mercer County Special Services SD, Montclair SD, Montgomery Twsp SD, Morris SD, Mountain Lakes SD, Newark Public Schools, West New York SD

DESCRIPTION

CATIES is a research and service initiative of The College of New Jersey's School of Education. It is dedicated to improving the educational experiences of children with disabilities by linking faculty and staff expertise with the needs of New Jersey's educational community.

CATIES partners with New Jersey school districts to assist students with disabilities by conducting: hands-on workshops and providing technical assistance on instructional and assistive technology to enhance teaching and learning, transitioning from high school, and implementing strategies to support inclusive education, assistive technology evaluations to determine which technology tools will help a child with disabilities access the curriculum and succeed in school, functional behavior assessments based on positive behavior support practices.

Design and Engineering Program Enhancement - Trenton School District

Type of Partnership: Curriculum Development

Higher Education Partner: The College of New Jersey

CONTACT INFORMATION

David Cipolloni

The College of New Jersey

PO Box 7718, Ewing, NJ

Telephone: 609.989.2489

DESCRIPTION

TCNJ's Center for Design, Engineering & Technology is collaborating with the Hamilton School System to design and implement a new technology education program that will (1) improve student performance in the core curriculum standards for mathematics, science and technology, and (2) enhance student knowledge and skills that will be essential for living and working in a progressively more complex world. The program builds upon the efforts and results of the UPDATE (Upgrading Practice through Design and Technology "Engineering" Education) and Children Designing and Engineering (CD&E) projects previously funded by the National Science Foundation. Additionally, the program links directly to the products and results of the High-Tech Workforce Excellence Grant awarded to TCNJ by the New Jersey Commission on Higher Education.

Program activities included:

- Developing curriculum units and providing teacher training for a new ninth grade "Introduction to Design and Technology" course
 - Providing summer workshops for participating teachers to prepare them to teach the "Introduction to Design and Technology" course
 - Supporting the redesign of existing courses within the Science and Engineering Academy at Trenton Central High School
-

College of New Jersey, The

NJ Higher Education Sector: State College or University

Professional Development School Network (PDSN)

Type of Partnership: Professional Development for Teachers

Year Began: 1994

Higher Education Partner: The College of New Jersey

Participants Served: 17 School Districts

CONTACT INFORMATION

Dr. Robert J. Bartoletti, Director

The College of New Jersey PDSN

PO Box 7718, Ewing, NJ 08628-0718

Telephone: 609.771.2327

Fax: 609.771.5196

Email: bartolet@tcnj.edu

Web Site: <http://www.tcnj.edu>

Partners: Bordentown Regional SD, City of Burlington Public Schools, Delaware Twsp Schools, East Amwell Twsp School, East Windsor Regional SD, Ewing Twsp SD, Hamilton Twsp SD, Hillsborough Twsp SD, Hopewell Valley Regional Schools, Lambertville School, Lawrence Twsp SD, Plumsted Twsp SD, South Brunswick SD, South Hunterdon High School, Trenton Public Schools, West Amwell Twsp School, West Windsor-Plainsboro Regional SD

DESCRIPTION

The College of New Jersey is an institute of higher education that is strongly grounded in the preparation of educators. TCNJ has developed long-lasting relationships with school districts and agencies in the professional community. Based on these existing relationships and always striving to achieve best practices in teaching and learning, TCNJ invited school districts to establish a professional development school network which is grounded in the work of the Holmes Partnership and the literature of the reform movement in public education. This early stage of what would become the current PDSN began in 1994. The College is an invited member of the Holmes Partnership.

Teachers as Leaders and Learners

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Higher Education Partner: The College of New Jersey

Participants Served: 2 - Trenton School District, Diocese of Trenton Urban Catholic Schools

CONTACT INFORMATION

Sharon Sherman / Cathy Liebars, Professors

The College of New Jersey

PO Box 7718, Ewing, NJ 08628-0718

Telephone: 609.771.2714

Fax: 609.771.3330

Email: shermans@tcnj.edu / liebars@tcnj.edu / switzer@tcnj.edu

Web Site: <http://tall.intrasun.tcnj.edu>

Partners: Trenton Public Schools, Diocese of Trenton Urban Catholic Schools

DESCRIPTION

The College of New Jersey is an institute of higher education that is strongly grounded in the preparation of educators. TCNJ has developed long-lasting relationships with school districts and agencies in the professional community. Trenton is a high need, "Abbott" district, characterized by low student achievement in mathematics, science, and language arts. Although programs are already underway in language arts, prior to this initiative, little content-specific professional development has taken place in mathematics and science. TALL provides this critical service, and focuses on the elementary and middle schools where a significant decline in student achievement has been well documented in mathematics and science.

The College of New Jersey, its School of Education, School of Science, School of Engineering and the Trenton Public Schools and the Diocese of Trenton Schools are partnering in a unique professional development opportunity called Teachers as Leaders and Learners (TALL). The goal is to improve student proficiency through high quality, on-site, sustained professional development in the core content areas of mathematics, science and technology, which are integrated for teachers, paraprofessionals, and pre-service teachers.

College of New Jersey, The

NJ Higher Education Sector: State College or University

Technology Education Program Redesign

Type of Partnership: Curriculum Development

Higher Education Partner: The College of New Jersey

CONTACT INFORMATION

David Cipolloni

The College of New Jersey

PO Box 7718, Ewing, NJ

Telephone: 609.989.2489

Partners: Hamilton Township Board of Education, Philadelphia School District

DESCRIPTION

TCNJ's Center for Design, Engineering & Technology is collaborating with the Hamilton School System to design and implement a new technology education program that will (1) improve student performance in the core curriculum standards for mathematics, science and technology, and (2) enhance student knowledge and skills that will be essential for living and working in a progressively more complex world. The program builds upon the efforts and results of the UPDATE (Upgrading Practice through Design and Technology "Engineering" Education) and Children Designing and Engineering (CD&E) projects previously funded by the National Science Foundation. Additionally, the program links directly to the products and results of the High-Tech Workforce Excellence Grant awarded to TCNJ by the New Jersey Commission on Higher Education.

The College Bound Program

Type of Partnership: Precollege Program

Year Began: 1986

Higher Education Partner: The College of New Jersey

Participants Served: 140

CONTACT INFORMATION

James Chambers, Director

The College of New Jersey

P.O. Box 7718, Ewing, NJ 08628-0718

Telephone: (609) 771-2575

Fax: (609) 637-5149

Email: jchamber@tcnj.edu

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

College of New Jersey, The

NJ Higher Education Sector: State College or University

The Principals' Center for the Garden State at The College of New Jersey

Type of Partnership: Professional Development for Teachers

Year Began: 2004

Higher Education Partner: The College of New Jersey

CONTACT INFORMATION

Elaine P. Davis, Executive Director

The College of New Jersey

PO Box 7718, Ewing, NJ 08628-0718

Telephone: 609.771.3051

Fax: 609.637.5028

Web Site: <http://www.tcnj.edu/principalscenter/>

Partners: The Principals' Center has over a 1,000 individual members and District memberships across the state.

DESCRIPTION

The Principals' Center for the Garden State at The College of New Jersey provides a forum for Leadership Development and collaboration among school principals and top school administrators from all types of K-12 educational institutions. Our belief is that principals are the driving force of educational and cultural development within their schools. It is our goal to assist in providing quality programs on those current issues which affect school leaders. We advocate excellence in leadership and strive to instill sustained change by establishing collaborative support systems among principals.

The partnership serves to develop a strong alliance within the School of Education that will be mutually beneficial in the development of their principal and administrative training programs; to provide our members with increased exposure and networking opportunities - through our partnerships with TCNJ faculty; to serve as a partner for in-service and staff development initiatives; to provide a series of workshops and professional development forums - held at both TCNJ and at sites around the state convenient for our members; and to take advantage of the institutional services offered at TCNJ.

Cumberland County College

NJ Higher Education Sector: Community College

Educational Talent Search

Type of Partnership: Precollege Program

Year Began: 1986

Participants Served: 1025

CONTACT INFORMATION

W. Barry McLaughlin, Director, Student Support Services

Cumberland County College

College Drive, Vineland, NJ 08362

Telephone: (856) 691-8600 x243

Fax: (856) 690-0059

Email: wbmcl@cccnj.net

Web Site: www.cccnj.net/~geri/TalentSearch/talent.htm

Partners: Vineland School District

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Study Skills Training, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

GEAR UP

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 250

CONTACT INFORMATION

Vera Hextall, Director, GEAR UP

Cumberland County College

3rd and Plum St., Vineland, NJ 08360

Telephone: (856) 794-6700 x2022

Email: vhexstal@vineland.org

Partners: Vineland School District

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Cumberland County College

NJ Higher Education Sector: Community College

School Counts!

Type of Partnership: Precollege Program

Year Began: 2001

CONTACT INFORMATION

Sue Ann Perry, Executive Director, Foundation

Cumberland County College

3322 College Drive, Vineland, NJ 08362-1500

Telephone: (856) 691-8600 x298

Email: alumni@cccnj.net

Web Site: <http://www.cccnj.edu/ccc/pages/foundation/WithSchoolCountsWeAll>

Partners: all schools in Cumberland County (public and private)

DESCRIPTION

Program Services (Academic):

Grade & Attendance Monitoring

Program Services (Other):

College Awareness, Cultural Activities

Essex County College

NJ Higher Education Sector: Community College

College Bound Tech Program

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 50

CONTACT INFORMATION

Betty Foster/Lilisa J. Williams, Director/ Associate Director

Essex County College

303 University Avenue, Newark, NJ 07102

Telephone: (973) 877-1936

Fax: (973) 877-3294

Email: foster@essex.edu and lwilliams@essex.edu

Partners: Newark Public Schools

DESCRIPTION

Essex County College's College Bound Tech Program serves 150 middle school students, grades 7-8, from Newark Public Schools. The program provides educational support and enrichment activities to ensure the completion of middle school and successful pursuit of a postsecondary education. Although the program is open to all Newark middle school students, College Bound Tech specifically targets three Newark middle schools (Thirteenth Avenue, Vailsburg and Camden Middle Schools). The College Bound Tech Program staff works closely with the targeted schools to provide its students with academic support in the areas of mathematics, science, technology, and language arts. The program is based on the premise that these students, despite their disadvantages, can successfully pursue post-secondary education in the sciences, mathematics, or technology fields. The key is to provide students with the tools and encouragement they need to make the journey. The program includes a four-week summer component and an academic year program complete with Grade Eight Proficiency Assessment (GEPA) preparation, computers, individual tutoring, field trips, motivational experiences, college exposure, and career awareness workshops.

GEAR UP Newark

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 1300

CONTACT INFORMATION

Cassandra E. Davis, Director

Essex County College

Essex County College, 303 University Ave. room #1128, Newark, NJ 07102

Telephone: (973) 877-3245

Fax: (973) 877-3297

Email: cdavis@essex.edu

Partners: Newark Public Schools

DESCRIPTION

The aim of the GEAR UP Newark program is to strengthen and build the capacity of Central High School feeder schools to improve student academic achievement and increase the number of low-income students who are prepared for and who will pursue postsecondary education. Strategic activities are targeted at three core groups: students, parents, and teachers.

Essex County College

NJ Higher Education Sector: Community College

Project GRAD Summer Institute

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 80

CONTACT INFORMATION

Susan Schenk, Director of Project GRAD

Essex County College

303 University Ave., Newark, NJ 07102

Telephone: (973) 877-3533

Email: schenk@essex.edu

Partners: Malcolm X Shabazz High School, Central High School

DESCRIPTION

Summer institutes are an important component of Project GRAD Newark. Each GRAD scholar is required to attend two summer institutes, which may be taken after the freshman, sophomore or junior year of high school. Essex County College offers the post-freshman summer institute. The summer institutes are enrichment programs that better prepare Project GRAD students for course work at the high school and college level. Summer institutes also provide Project GRAD students with encouragement to complete high school and continue on to college.

Talent Search Program

Type of Partnership: Precollege Program

Year Began: 1975

Participants Served: 1200

CONTACT INFORMATION

Betty Foster/Shelley Pettiford, Director/Associate Director

Essex County College

303 University Avenue, Newark, NJ 07102

Telephone: (973) 877-3196

Fax: (973) 877-3294

Email: foster@essex.edu and pettiford@essex.edu

Partners: Newark School District

DESCRIPTION

The Talent Search Program promotes retention and actively seeks to improve educational opportunity and access for target community students who traditionally have not participated fully in the advantages which higher education provides. The program's primary focus is to assist students from disadvantaged backgrounds to not only continue in and complete grades six through twelve but also to enroll in postsecondary educational programs. The program targets low-income and first-generation middle and high school students, and dropouts ages 11-27. Annual enrollment is open to 1200 students who attend Central, Technology, West Side, Malcolm X. Shabazz and West Kinney High Schools and Warren Street, Miller Street and William Brown Academy Middle Schools. During the program year, September-May, students receive academic preparation for the Grade Eight Proficiency Assessment (GEPA), High School Proficiency Assessment (HSPA) and the Scholastic Assessment Test (SAT) as well as computer learning classes. In addition, students also have the opportunity to participate in college tours, cultural enrichment activities, tutoring, career assessment and counseling. Talent Search has operated under the auspices of Essex County College for the past twenty-six years. Project students have enrolled and graduated from undergraduate schools and continued on to graduate institutions and have become productive citizens within their communities.

Essex County College

NJ Higher Education Sector: Community College

Upward Bound

Type of Partnership: Precollege Program

Year Began: 1971

Participants Served: 135

CONTACT INFORMATION

Betty Foster, Director-Department of Special Programs

Essex County College

303 University Avenue, Newark, NJ 07102

Telephone: (973) 877-3196

Fax: (973) 877-3294

Email: foster@essex.edu

Web Site: www.essex.edu

Partners: Newark School District

DESCRIPTION

The Upward Bound program seeks to improve educational opportunity and access for community students that traditionally have not participated fully in the advantages of higher education. Its objective is to assist students from disadvantaged backgrounds to complete secondary school and to enroll in and graduate from post-secondary educational programs. It is committed to providing activities and services tailored to meet the needs of students in achieving these goals and to monitoring student progress through post-secondary graduation in order to evaluate overall program effectiveness. The program targets low-income Newark high school students, 13-19 years of age, most of whom are the first generation of their families to consider post-secondary education. Annual enrollment is open to 135 students who attend Barringer, Central, East Side, Malcolm X Shabazz, West Side and Science high schools. During an intensive six-week summer session and during the academic year on Saturdays and after school, students are involved in rigorous academic study with an emphasis on English, mathematics and science. In addition, they receive access to tutoring, counseling, cultural enrichment activities and other support services. The Upward Bound Program has operated under the auspices of Essex County College for the past thirty years and remains consistent with the institutional mission to "encourage people to enroll and excel who otherwise might not aspire to higher education" and provide "counseling, academic support services, cultural recreational activities which promote a positive self-image and which facilitate the intellectual, social, emotional and physical development of students."

Felician College

NJ Higher Education Sector: Independent College or University

Johnson & Johnson Science Grant

Type of Partnership: Build Interest in a Specific Discipline - Science and Technology

Participants Served: 2 schools

CONTACT INFORMATION

Dr. Donna Barron, Dean, Division of Teacher Education

Felician College

Lodi, NJ

Telephone: 201.559.3549

Email: barrond@felician.edu

DESCRIPTION

Science/technology projects

NJDOE Inclusion Grant

Type of Partnership: Curriculum Development

Participants Served: 6 school districts

CONTACT INFORMATION

Dr. Donna Barron, Dean, Division of Teacher Education

Felician College

Lodi, NJ

Telephone: 201.559.3549

Email: barrond@felician.edu

Partners: Wood-Ridge, Piscataway, Newark, Lyndhurst, Rockaway, and Hackensack

DESCRIPTION

Redesign special education program using representatives from LEA's

Project Forward

Type of Partnership: College Credits for High School Students

CONTACT INFORMATION

Dr. Gerard O'Sullivan

Felician College

Lodi, NJ

Telephone: 201.559.6117

Email: osullivanj@felician.edu

Partners: High schools with articulation agreements with Felician

DESCRIPTION

Project Forward is designed to enable outstanding high school seniors to experience college learning while completing high school studies. Courses are offered during the Fall and Spring semesters, carry college credits, and can be applied to degree studies at Felician College. Students who plan to attend another college may be able to transfer these credits into their degree programs.

Georgian Court University

NJ Higher Education Sector: Independent College or University

J & J Pre-Collegiate Science Grant: Urban Initiatives for Pre-college Science Education

Type of Partnership: Precollege Program

Participants Served: 0

CONTACT INFORMATION

Dr. Prasad Lakkaraju

Georgian Court University

Lakewood, NJ

Telephone: (732) 987-2319

Email: lakkaraju@georgian.edu

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Math/Science Instruction, Critical Thinking Skill Development

Program Services (Other):

Social Skills Development/Confidence Building, Campus Visits & Tours, Mentoring, Cultural Activities

Kean University

NJ Higher Education Sector: State College or University

Diversity Council

Type of Partnership: Other

Year Began: 1992

Participants Served: 67 Public and Private Schools, Kean University Students

CONTACT INFORMATION

Gerald Melnick, Director, Diversity Council

Kean University

1000 Morris Ave., Union, NJ 07783

Telephone: 908.737.4633

Fax: 908.737.4664

Email: gmelnick@kean.edu

Web Site: <http://www.kean.edu>

Partners: Kean University, and School districts: Belleville, Berkeley Heights, Chatham, Clark, Cranford, East Brunswick, East Windsor, Eatontown, Edison, Elizabeth, Florham Park, Fort Lee, Franklin, Freehold, Hasbrouck Hgts., Hazlet, Highland Park, Hillside, Irvington, Jersey City, Keansburg, Linden, Livingston, Long Branch, Manalapan/Englishtown, Middletown, Millburn, Monmouth Reg., Montclair, Montville, New Providence, North Brunswick, North Plainfield, Notre Dame, Old Bridge, Paramus, Parsippany/Troy Hills, Pascack Valley, Passaic, Paterson, Perth Amboy, Piscataway, Plainfield, Pt. Pleasant, Princeton, Rahway, Randolph, Red Bank, Roselle, Roselle Catholic, Roxbury, Scotch Plains/Fanwood, Shepard, Solomon Schechter, Somerville, So. Orange/Maplewood, S. Plainfield, So. River, Springfield, Summit, Teaneck, Union Catholic, Union Twsp., Watchung Hills, Westfield, West Orange

DESCRIPTION

The Diversity Council of Kean University is an organization dedicated to human harmony, understanding, and mutual support of issues dealing with diversity. It provides professional development for members on multicultural and diversity issues. The council attempts to raise the consciousness of students and all its members in regard to what it means to be a just and caring individual in a diverse democratic society.

Gear Up / Onward

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 0

CONTACT INFORMATION

Jose Caceres, Director

Kean University

100 Morris Ave. EC106, Union, NJ 07208

Telephone: (908) 527-2994

Fax: (908) 353-7270

Partners: William C. McGinnis Middle School

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Cultural Activities

Kean University

NJ Higher Education Sector: State College or University

Project Adelante

Type of Partnership: Precollege Program

Year Began: 1988

Participants Served: 181

CONTACT INFORMATION

Jose Caceres, Director

Kean University

100 Morris Ave. EC106, Union, NJ 07208

Telephone: (908) 737-5981

Fax: (908) 737-5985

Email: adelante@kean.edu

Web Site: www.kean.edu/~adelante

Partners: Perth Amboy High School, Lincoln Middle School, McGinnis Middle School, Roosevelt Middle School, Shull Middle School, Maxon Middle School, Passaic High School

DESCRIPTION

The mission of Project Adelante is to help at risk Latino youngsters in grades 6-12 achieve their fullest potential, graduate from high school and go on to higher education.

School of the Arts

Type of Partnership: Precollege Program

Year Began: 2001

Participants Served: 12

CONTACT INFORMATION

Dr. Michael DeSiano, Chair, Department of Fine Arts

Kean University

1000 Morris Ave., Union, NJ 07083

Telephone: (908) 737-4397

Fax: (908) 527-6254

Email: mdesiano@kean.edu

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Critical Thinking Skill Development, Aesthetic principles; Social Skills Development/Confidence Building

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, Gallery exhibit on campus

Kean University

NJ Higher Education Sector: State College or University

Science STAR / Health EPIC

Type of Partnership: Precollege Program

Year Began: 1987

Participants Served: 100

CONTACT INFORMATION

Dr. Steven Kubuw, Professor of Chemistry

Kean University

1000 Morris Ave., Union, NJ 07083

Telephone: (908) 527-3021

Fax: (908) 354-2746

Email: skubo@kean.edu

Partners: nine high schools in Union County

DESCRIPTION

Kean University currently offers two five-week summer programs for minority high school juniors in the immediate vicinity of Kean University. The two programs, Project Health Epic and Project Science Star, are administered out of the College of Natural, Applied and Health Sciences. Both programs have vocabulary building and problem solving components, but differ in their academic thrusts. The programs take place four days a week for a five-week period during the summer, and students receive a \$300.00 stipend for successful completion.

Project Health Epic is designed to help students focus on health careers other than the usual professional options of medicine and dentistry. These include Medical Laboratory Science, Health Information Management, Nursing, Occupational Therapy and Physical Therapy. Students in this program are exposed to the various allied health professions from lectures by health professionals engaged in their particular occupations. Additionally, these students have hands-on experience in Biology and also receive computer instruction.

Project Science Star is designed to demonstrate how several science disciplines can work together to solve a problem. Emphasis is on an experimental approach to science and students collect data from experiments of their design. The sciences involved are Biology, Chemistry, Earth Science, and Mathematics/Computer Science. Experiments are conducted in each of the sciences with the exception of Math/CPS. In Math/CPS students learn how to analyze data collection with the use of a computer statistics package.

Women Into Science and Technology - WIST

Type of Partnership: Precollege Program

Year Began: 1994

Participants Served: 200

CONTACT INFORMATION

Dr. Ludija Kampa, Professor Chemistry

Kean University

1000 Morris Ave., Union, NJ 07083

Telephone: (908) 527-2487

Fax: (908) 354-2746

Email: lkampa@kean.edu

Partners: 10 local high schools

DESCRIPTION

The Kean University Women Into Science and Technology (WIST) project is an outreach program to support and mentor high school girls in mathematics, science and technology. This program includes high school girls and their teachers, Kean University female undergraduates and faculty, and female scientists from local industries. The goals of WIST are to encourage high school girls to persevere in math, science and technology courses, and to consider pursuing careers in these fields. The program also strives to give undergraduate females the opportunity to act as mentors for the high school girls while interacting with professional scientists. WIST offers two all day programs: one in the spring called Career Activity Day and one in the fall called Experience Day at Kean. There are ten local high schools that participate in these programs and each high school sends 10 girls and 2-3 teachers. WIST also gives workshops at the local high school, where Kean University faculty and undergraduate women visit the high schools and present workshops to WIST participants.

Mercer County Community College

NJ Higher Education Sector: Community College

Educational Talent Search

Type of Partnership: Precollege Program

Year Began: 1981

Participants Served: 771

CONTACT INFORMATION

Donald Davis, Director - Youth College

Mercer County Community College

North Broad & Academy Streets, Trenton, NJ 08608

Telephone: (609) 586-4800 x6657

Fax: (609) 695-8573

Email: davisd@mccc.edu

Web Site: www.mccc.edu/community_youth_jkc.shtml

Partners: Trenton Public Schools

DESCRIPTION

Educational Talent Search is an outreach program designed to motivate Trenton area youth and adults to identify and consider their educational and career options. The program identifies 850 qualified individuals with potential for education at the postsecondary level and encourages them to complete secondary school and undertake a program of post-secondary education. Working in collaboration with the school district and community organizations, the Talent Search program offers tutoring, academic, personal and career counseling referral services, assistance with postsecondary admissions and financial aid applications, computer aided instruction, parental assistance and cultural/educational enrichment field trips.

NJ Youth Corps of Trenton

Type of Partnership: Precollege Program

Participants Served: 60

CONTACT INFORMATION

Elizabeth Payer, Director, NJ Youth Corps of Trenton

Mercer County Community College

6 Esther Ave., Ewing, NJ 08618

Telephone: (609) 530-2625

Fax: (609) 530-4277

Email: dhs008nj-02@rcc.com

Web Site: www.mccc.edu/youth/jkcyouth/jkcyouth.htm

Partners: Trenton School District

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring, GED Prep

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, Career Counseling, Personal Counseling, Cultural Activities

Mercer County Community College

NJ Higher Education Sector: Community College

Project SMILE/GEAR UP

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 331

CONTACT INFORMATION

Wayne P. Murray, Director

Mercer County Community College

P.O. Box B (North Broad and Academy Streets), Trenton, NJ 08690

Telephone: (609) 586-4800 x6578

Fax: (609) 695-8573

Email: murrayw@mccc.edu

Web Site: www.mccc.edu

Partners: Hedgepeth Williams Middle School, Joyce Jilmer Middle School, Luis-Munoz Rivera Middle School, Trenton Central High School, Arthur Holland Middle School, Trenton Central High School West

DESCRIPTION

Project SMILE/GEAR UP is a program for 7th-12th grade students who live in Trenton and wish to participate in math, science, reading and computer classes that reinforce their classroom instruction. Before being assigned to classes, students are tested and placed at appropriate levels. Classroom activities include lecture, lab, and practical experience with computers. Students also go on cultural enrichment field trips that help to develop their understanding of the world around them. Tutoring and individual instruction is provided in subjects that students find difficult. Counseling is also offered, and provides the motivational tools needed for success in an academic environment.

Project SMILE-Community of Learners-Bristol Myers Squibb

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 30

CONTACT INFORMATION

Wayne P. Murray, Director

Mercer County Community College

North Broad and Academy Streets, Trenton, NJ 08658

Telephone: (609) 586-4800 x6578

Fax: (609) 983-8453

Email: murrayw@mccc.edu

Web Site: <http://www.mccc.edu>

Partners: Trenton School District

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Computer Skills Training, Academically accelerated courses below the college level, e.g. A.P., Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Mercer County Community College

NJ Higher Education Sector: Community College

Twilight High School and Honors Program

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 4

CONTACT INFORMATION

Donald Jones, Director Enrollment Services

Mercer County Community College

P.O. Box B (North Broad & Academy Streets), Trenton, NJ 08690

Telephone: (609) 586-4800 x6647

Email: jonesd@mccc.edu

Partners: Trenton Central High School

DESCRIPTION

The Kerney Twilight High School Program prepares at-risk Trenton youth for their high school diploma. They can also earn college credits.

Upward Bound

Type of Partnership: Precollege Program

Year Began: 1978

Participants Served: 80

CONTACT INFORMATION

Donald Davis, Director - Youth College

Mercer County Community College

P.O. Box B (North Broad & Academy Streets), Trenton, NJ 08690

Telephone: (609) 586-4800 x6657

Fax: (609) 695-8573

Email: davisd@mccc.edu

Web Site: www.mcc.edu/youth/jkcyouth/jkcyouth.htm

Partners: Trenton Central High School

DESCRIPTION

Upward Bound provides academic services to high school students who reside in Trenton and are educationally and economically disadvantaged, but have the desire and potential to succeed in post-secondary institutions. Academic enrichment is provided throughout the school year and during a six-week summer academy. College tours and cultural excursions provide students the opportunity to experience life beyond their community. Upward Bound students receive fee waivers for college applications and SAT exams, as well as, transportation to and from the James Kerney Campus. Upward Bound applicants must meet federal income guidelines, demonstrate scholastic potential and obtain recommendations from guidance counselors, teachers and community leaders in order to participate. More than 85% of Mercer's Upward Bound graduates enroll in post-secondary institutions throughout the United States.

Middlesex County College

NJ Higher Education Sector: Community College

A-Step-Alliance for Successful Teen Employment Program

Type of Partnership: Precollege Program

Year Began: 1992

Participants Served: 0

CONTACT INFORMATION

Kevin Jarido, Coordinator
Middlesex County College
140 New Street, New Brunswick, NJ 08901
Telephone: (732) 745-8866
Fax: (732) 249-7306

Partners: New Brunswick School District

DESCRIPTION

A-STEP is a program designed to provide employment opportunities to New Brunswick youth, ages 14-21. Some academic and career exposure occurs during the training in addition to worksite assignments. A-STEP may expand to a more comprehensive precollege program with financial support.

GATEway

Type of Partnership: Precollege Program

Year Began: 1980

CONTACT INFORMATION

Darlene Yoseloff, Director, Office of School Relations
Middlesex County College
2600 Woodbridge Ave., Edison, NJ 08818
Telephone: 732.906.2554
Fax: 732.906.7709
Email: Darlene_Yoseloff@middlesexcc.edu
Web Site: <http://www.middlesexcc.edu/schoolrelations>

Partners: Middlesex County high schools

DESCRIPTION

GATEway offers college-level courses for academically gifted students in 7th-9th grades. Students in 10th-12th grade students participate in a summer program.

High School Scholars Program / District Partnerships

Type of Partnership: College Credits for High School Students

Year Began: 1996

Participants Served: 650+

CONTACT INFORMATION

Darlene Yoseloff, Director, Office of School Relations
Middlesex County College
Edison, NJ
Telephone: 732.906.2554
Email: darlene_yoseloff@middlesexcc.edu

Partners: Dunellen, East Brunswick, Edison, Monroe, Piscataway, South Brunswick, Middlesex County Vocational Schools

DESCRIPTION

The goal of the High School Scholars Program is to provide high school students with the opportunity to earn college credits while still in high school. Students must have completed the prerequisites required. Articulated courses are offered in-district and taught by district teachers who must meet all the same criteria as required to adjunct at Middlesex. Students are limited to one course per semester and pay \$100 for the course. This program is offered in the regular academic year only. District teachers meet with college department chairs. Department chairs visit the classes during each semester.

Middlesex County College

NJ Higher Education Sector: Community College

New Pathways to Teaching in NJ - NPTNJ

Type of Partnership: Paraprofessional/Alternate Route Training

Year Began: 2003

Participants Served: 35

CONTACT INFORMATION

Darlene Yoseloff, Director, Office of School Relations

Middlesex County College

Edison, NJ

Telephone: 732.906.2554

Email: darlene_yoseloff@middlesexcc.edu

Partners: NJCU, local school districts

DESCRIPTION

NPTNJ is a partnership between NJCU and the community college sector that offers an alternate route to teaching. Students may elect to take the program for graduate credit or for certification only. If they elect graduate credit, they can earn 15 graduate credits. The program runs during the summer and academic year. In addition to providing instructors for the program, the community college observes each student and works with local districts where students can observe veteran teachers. If students attend this program, the district can waive the first 20 days of required mentoring.

NJ SSI Specialty Skills

Type of Partnership: Professional Development for Teachers

Year Began: 1994

Participants Served: 30-40

CONTACT INFORMATION

Darlene Yoseloff, Director, Office of School Relations

Middlesex County College

Edison, NJ

Telephone: 732.906.2554

Email: darlene_yoseloff@middlesexcc.edu

Partners: NJSSI, Various school districts including:, Woodbridge, Edison, Carteret, Somerville, Asbury Park, Long Branch, and Toms River

DESCRIPTION

Middlesex County College has partnered with NJ SSI as a specialty site for technology for most of the decade. The program provides hands-on professional development for teachers with an emphasis on integrating technology in math. From beginning calculator training through projects designed to "train the trainer" and through work with special education teachers, Middlesex has a tradition of implementing hands-on programs for teachers with strong input from their districts to strengthen and strategize for student and teacher success.

Middlesex County College

NJ Higher Education Sector: Community College

P12 Lesson Study

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: 32

CONTACT INFORMATION

Darlene Yoseloff, Director, Office of School Relations

Middlesex County College

Edison, NJ

Telephone: 732.906.2554

Email: darlene_yoseloff@middlesexcc.edu

Partners: Woodbridge, Edison, Monroe, South Brunswick, Carteret, Dunellen

DESCRIPTION

The P12 Lesson Study partnership, originally funded by the NJDOE, brings the Japanese model to school districts in Middlesex County. Using the Lesson Study Model teachers work cooperatively to plan, implement, and reflect on a lesson. This model has been introduced in many areas of the country with great success. The partnership provides an introduction to the lesson study model; follow-up training as needed; public lessons and guided discussion and reflection.

Montclair State University

NJ Higher Education Sector: State College or University

Academically Gifted and Talented Youth Program

Type of Partnership: Precollege Program

Year Began: 1981

Participants Served: 1350

CONTACT INFORMATION

Richard Taubald, PhD, Director

Montclair State University

Normal Ave., Montclair State University, Upper Montclair, NJ 07043

Telephone: (973) 655-7158

Fax: (973) 655-7895

Email: taubaldr@mail.montclair.edu

Web Site: www.montclair.edu/gifted

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Academically accelerated courses below the college level, e.g. A.P, Study Skills Training, Math/Science Instruction, Critical Thinking Skill Development

Program Services (Other):

Social Skills Development/Confidence Building, Cultural Activities

Community Connection Tutoring Program

Type of Partnership: Precollege Program

Year Began: 2003

Participants Served: 60

CONTACT INFORMATION

Barice Williamson, Director, Teacher Education Advocacy Center

Montclair State University

1 Normal Ave, Montclair, NJ 07042

Telephone: 973-655-7696

Fax: 973-655-4469

Email: williamsonba@mail.montclair.edu

Web Site: <http://cehs.montclair.edu/academic/cop/teac>

DESCRIPTION

The Community Connection Tutoring Program was established to provide tutoring services to K-12 students from Montclair and its surrounding area. Through this program, Montclair State University students are matched with K-12 students for tutoring in math, science, and literacy. Sessions are held on campus to promote an interest in higher education.

Montclair State University

NJ Higher Education Sector: State College or University

Future Educators Association

Type of Partnership: Precollege Program

Year Began: 1990

Participants Served: 100

CONTACT INFORMATION

Barice Williamson, Director, Teacher Education Advocacy Center

Montclair State University

1 Normal Avenue, Montclair, NJ 07043

Telephone: (973) 655-7696

Fax: (973) 655-4469

Email: williamsonba@mail.montclair.edu

Web Site: CEHS.montclair.edu/academic/cop/teac

Partners: Montclair, Fair Lawn, and Newark Public Schools

DESCRIPTION

A joint venture with local public schools, Montclair State University's Future Educators Association works with the MSU Network for Educational Renewal districts to identify promising students and encourage them to consider teaching careers. The program promotes achievement by supporting high standards, positive self-image, and leadership at school and in the community. A special feature of the association is the emphasis on assisting students in making a critical transition from high school to college. During meetings, guidance counselors help students prepare for the SAT and complete college applications. The University sponsors annual on-campus events for students and their teachers and helps students learn about the teaching profession. In partnership with Gear Up Newark, the Future Educators Association at Montclair State University works closely with the Newark Public Schools at both the middle school and high school levels.

Gifted Program

Type of Partnership: Precollege Program

Year Began: 1982

Participants Served: 1500

CONTACT INFORMATION

Steven Nash, Director, Gifted and Talented

Montclair State University

Upper Montclair, NJ 07043

Telephone: (973) 655-4104

Email: nashs@mail.montclair.edu

DESCRIPTION

During the past 23 years, Montclair State University has conducted programs for high aptitude and high achieving students. The Gifted Program has grown since 1981 from an initial enrollment of 77 students to more than 1400 in 2002. The primary goal of the program is to provide balanced enrichment by strengthening both verbal and quantitative skills.

Montclair State University

NJ Higher Education Sector: State College or University

Montclair State University Network for Educational Renewal

Type of Partnership: Professional Development for Teachers

Year Began: 1987

Participants Served: 980

CONTACT INFORMATION

Barbara M'Gonigle, Director

Montclair State University

1 Normal Ave., Chapin 16, Montclair, NJ 07043

Telephone: 973.655.7641

Fax: 973.655.5227

Email: mgonigleb@mail.montclair.edu

Web Site: <http://cehs.montclair.edu/academic/cop/njner.shtml>

Partners: MSU, Caldwell/West Caldwell, Cedar Grove, Clifton, Dumont, East Orange, Englewood, Fair Lawn, Hillside, Kearny, Little Falls, Livingston, Montclair, Newark, Nutley, Paramus, Parsippany, Troy Hills, Paterson, River Vale, South Orange/Maplewood, Teaneck, Maywood, Randolph, and West Orange Schools

DESCRIPTION

The Montclair State University Network for Educational Renewal (MSUNER) promotes the renewal of schools and the instruction of educators through a collaboration between Montclair State University and member school districts. Some of the goals include teaching critical thinking as an educational ideal, making a commitment for all teachers to work to encourage the young as participants in our political and social democracy, examining the moral implications of teaching, and working to prepare teachers who see themselves as stewards of best practice and who understand the nature of change where they work. Teachers in partner schools can apply for clinical faculty status at the University that allows them to work with MSU in a variety of ways to grow professionally.

Some examples of are: work with MSU students, take and/or facilitate courses in our professional development series, work collaboratively on Teacher Study Group Grants and/or MSU/Dodge Grants, network with teachers in other districts to share ideas and expertise, etc.

Preparatory Center for the Arts

Type of Partnership: Precollege Program

Year Began: 1976

Participants Served: 500

CONTACT INFORMATION

Ruth Rendleman, Director

Montclair State University

Valley Road and Normal avenue, Montclair, NJ 07043

Telephone: (973) 655-4443

Fax: (973) 655-5279

Email: Rendlemanr@mail.montclair.edu

Web Site: www.stokesmusiccamp.com/ or www.montclair.edu/music/

DESCRIPTION

The Preparatory Center for the Arts was established to provide musical education training for all age groups. The center serves approximately 400 students from New Jersey communities and the surrounding metropolitan area.

Montclair State University

NJ Higher Education Sector: State College or University

Schoolyard Habitats-Science Enrichment

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 180

CONTACT INFORMATION

Jacalyn Willis, PH.D., Director, PRISM

Montclair State University

Montclair State University - Richardson 121, Upper Montclair, NJ 07043

Telephone: (973) 655-7753

Fax: (973) 655-4430

Email: willisj@mail.montclair.edu

Web Site: www.csam.montclair.edu/ceterms/prism

Partners: Newark, East Orange, Bridgewater School Districts

DESCRIPTION

The "Schoolyard Habitats: Living Laboratory" program functions as a teaching laboratory as well as a hands-on science laboratory. Together, children, parents, teachers and scientists actively explore ideas and do scientific experiments that are educational and fun. Summer Institutes are held each year for rigorous training in inquiry-based and problem-solving approaches to science teaching. New teachers are mentored throughout the program by experienced teachers. Those who participate in the Summer Institutes are prepared to lead after-school and summer science activities for children and their parents. The program is designed to foster inquiry approaches based on sound science concepts that promote student questioning and investigation. Students, teachers, and communities benefit from this program. Students benefit from ample time for experimentation and in-depth learning, the finest teacher guidance, and adequate materials to carry out investigations and explorations in science. Participating families help to spread the values of science education to the community. For teachers, the program provides a bridge between the Summer Institute experience and formal application of science teaching in the classroom. The school districts gain from the expanded science knowledge and experience of its teachers, many of whom will become turnkey trainers in the districts in-service sessions.

STARS (Students and Teachers are Reading Sports)

Type of Partnership: Precollege Program

Year Began: 2004

Participants Served: 15

CONTACT INFORMATION

Dr. Linda Wise, Assistant Professor

Montclair State University

1 Normal Avenue, Upper Montclair, NJ 07043

Telephone: (973) 655-4436

Fax: (973) 655-5376

Email: wisel@mail.montclair.edu

Partners: Paterson School District

DESCRIPTION

The STARS (Students and Teachers are Reading Sports) Program provides elementary students from the Paterson Public School District with free literacy instruction and reading enrichment based on sports-related children's literature. Funded by Fleet Bank, this program represents a collaboration among a variety of organizations including the Yogi Berra Museum and Learning Center, the Literacy Enrichment Center at Montclair State University, and the Paterson Public Schools. Every week, graduate students from Montclair State University and high school students from Paterson join together with small groups of elementary students to enjoy books about sports and take part in literacy-related activities. In addition, all participants attend related events that include author talks, guest lectures by athletes, and field trips to sports games and the Yogi Berra museum.

Montclair State University

NJ Higher Education Sector: State College or University

Theatrefest for Kids

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 1000

CONTACT INFORMATION

John Wooten, Artistic Director

Montclair State University

Montclair State University, Upper Montclair, NJ 07043

Telephone: (973) 655-7070 x97634

Email: wootenj@mail.montclair.edu

DESCRIPTION

Program Services (Academic):

Critical Thinking Skill Development

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, Cultural Activities

Upward Bound Program

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 50

CONTACT INFORMATION

Donna Lorenzo, Director

Montclair State University

Montclair State University, 1 Normal Avenue, Science Hall 134, Upper Montclair, NJ 07043

Telephone: (973) 655-4415

Fax: (973) 655-4073

Email: lorenzod@mail.montclair.edu

Partners: Newark, Passaic and Paterson School Districts

DESCRIPTION

The Upward Bound Program at Montclair State University assists low-income and first generation students with academic support services to increase their opportunity to graduate from high school. The main thrust of the project is to increase the skills and motivation needed to successfully complete an undergraduate course of study. Participants are recruited from the federally approved target areas of Newark, Passaic, and Paterson.

The support services offered are a five week residential program on the Montclair State University campus and an academic component that consists of eight Saturday sessions in both the fall and spring. Students receive academic enrichment and instruction in mathematics and science, tutoring, SAT review, college placement assistance and advising. The Upward Bound Program exposes students to various careers to broaden a student's perception of opportunities available and enhance their self-esteem and self concept. Securing postsecondary placement and graduation for the participants is a prime objective of the program.

Montclair State University

NJ Higher Education Sector: State College or University

Visiting Professors' Program

Type of Partnership: Build Interest in a Specific Discipline - Science and Mathematics

Year Began: 2001

CONTACT INFORMATION

Jacalyn Willis, Director, PRISM

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Web Site: <http://prism.montclair.edu/prism/>

Partners: area high schools

DESCRIPTION

The Visiting Professors' Program is a short-term program designed to generate an atmosphere of inquiry, enthusiasm and challenge to students in elementary and high school. The College of Science and Mathematics professors visit an area classroom and share their research and expertise during a 40-minute class lecture/lab.

Weston Science Scholars Program

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 40

CONTACT INFORMATION

Lynn English, Director

Montclair State University

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Partners: Montclair High School

DESCRIPTION

The vision of the Weston Science Scholars Program is to expose students to the realities of scientific research with the ultimate goal that they will choose a career path in the area of mathematics, science and/or technology and to ultimately improve scientific accomplishments and produce all kinds of advancements in medicine. The program provides scholars with a strong foundation in mathematics, science, technology and communications so they can meet the demands of the scientific community. The philosophy of the program is to instill a love for the various scientific disciplines to which they are exposed to in their research and that they will carry this passion for the rest of their lives.

Morris, County College Of

NJ Higher Education Sector: Community College

Academic Enrichment Program

Type of Partnership: Precollege Program

Year Began: 1989

Higher Education Partner: County College of Morris

Participants Served: 45

CONTACT INFORMATION

Professor Alex Thurman, Professor of Mathematics

County College of Morris

CCM 214 Center Grove Rd., Randolph, NJ 07869

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Partners: Morristown and Dover School Districts

DESCRIPTION

The Summer Academy for Young Students focuses on exposing high school students to careers and courses in business, mathematics, engineering, and technology. The Academy provides students with activities to help them become aware of college life. Faculty emphasizes hands-on projects in computers, statistics and financial planning. The goal is to help students prepare for college and to provide the support that will help them identify career and educational goals.

M.O.R.T. University (Mt. Olive Robotic Team)

Type of Partnership: Precollege Program

Year Began: 2001

Higher Education Partner: County College of Morris

Participants Served: 20

CONTACT INFORMATION

Nial McCabe, Professor

County College of Morris

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Email: nmccabe@ccm.edu

Web Site: www.ccm.edu

Partners: Mt. Olive High School

DESCRIPTION

Mt. Olive High School participates in FIRST (For Inspiration and Research in Science and Technology). FIRST inspires students to be enthusiastic about engineering by having student groups build robots and participate in competitions. Professors from County College of Morris created M.O.R.T. University to prepare students by providing them with technical skills training, computer programming and mechanical design applications. Students learn programming on BASIC STAMP microprocessors and develop machine tool and fabrication skills.

Morris, County College Of

NJ Higher Education Sector: Community College

Summer Academy for Young Scholars

Type of Partnership: Precollege Program

Year Began: 1990

Higher Education Partner: County College of Morris

Participants Served: 20

CONTACT INFORMATION

Alexis Thurman, Associate Professor of Mathematics

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Partners: Morristown, Dover and Randolph School Districts

DESCRIPTION

The Summer Academy for Young Scholars is a one-week academic enrichment program geared to encourage, enlighten and excite students about learning, study skills and leadership development. We provide hands-on workshops to promote our theme "Learning math and science is 'fun' damental."

New Jersey City University

NJ Higher Education Sector: State College or University

College Bound/GEAR UP

Type of Partnership: Precollege Program

Year Began: 1989

Participants Served: 250

CONTACT INFORMATION

Valerie Boseman, Director

New Jersey City University

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Partners: Public School #14, Public School # 40, Public School # 41, Lincoln High School, Snyder High School

DESCRIPTION

College Bound/GEAR UP is a comprehensive academic support program designed to recruit, retain and motivate students in grades 7 through 12 to successfully complete high school and enroll and graduate from college. These students are from low income families and are potential first generation college students. The program provides academic classes, tutorial services, individual and group counseling sessions. Students also participate in performing arts and recreational activities.

Educational Leadership/ Union City Scholars Academy Summer Program

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 70

CONTACT INFORMATION

Dr. Carrie Robinson, Chairperson, Educational Leadership Department

New Jersey City University

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Web Site: <http://coeserver.njcu.edu>

Partners: Union City School District

DESCRIPTION

The NJCU College of Education/Union City Scholars Academy Summer program provides the opportunity for high school students to spend a month during the summer on the NJCU campus. The purpose of the program is to provide enrichment activities in literacy and mathematics and to expose the students to the college experience. While on NJCU campus, the students also take a three credit college course. The high school students interact with NJCU students who serve as mentors during the program. In addition, they are taken on two field trips including a trip to see a Broadway play in New York City.

New Jersey City University

NJ Higher Education Sector: State College or University

Future Educators/Humanities Scholars

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 35

CONTACT INFORMATION

Carrie Robinson, Associate Professor, NJCU

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Partners: Jersey City School District, Irvington School District

DESCRIPTION

The goal of Future Educators/Humanities Scholars is to provide a high quality academic program for high school students interested in the humanities and education in an atmosphere which incorporates high expectations, demanding content, technology integration, and collegial support into all activities and experiences.

New Jersey Youth Corps

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 60

CONTACT INFORMATION

Gary Patnosh and Bruce Beaman, Co-Directors

New Jersey City University

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Partners: Public High Schools of Jersey City and Bayonne

DESCRIPTION

NJ Youth Corps is a year round program designed for young adults between the ages of 16 and 25, who have left high school without earning their diplomas. Youth Corps helps to provide young people with a second chance to earn their diplomas while developing necessary employment skills through meaningful community service.

New Jersey City University

NJ Higher Education Sector: State College or University

Project SEED

Type of Partnership: Precollege Program

Year Began: 1996

Participants Served: 1

CONTACT INFORMATION

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Partners: Union Hill High School

DESCRIPTION

Project SEED is a national program sponsored by the American Chemical Society to encourage economically disadvantaged high school juniors and seniors pursuing careers in the chemical sciences. Students work on research projects under a faculty mentor and receive a salary during a ten-week internship. Their work is presented at several chemical meetings throughout the region. The Chemistry Department has been actively involved in this program for the past ten (10) years, accepting 21 students primarily of Hispanic decent. The funding of Project SEED students requires a one-to-one match from institutional or industrial sources.

Proyecto Access

Type of Partnership: Precollege Program

Year Began: 1997

Participants Served: 140

CONTACT INFORMATION

Julio Guillen, Professor Mathematics
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Partners: schools in Bayonne, West New York, Jersey City, North Arlington and Secaucus

DESCRIPTION

Proyecto Access is an educational consortium created in 1996 by the Office of Equal Opportunity Program (OEOP), Minority University Research and Education Division (MURED) of the National Aeronautics and Space Administration (NASA) and administered by the Hispanic Association of Colleges and Universities (HACU). The consortium consists of HACU and nine of its Hispanic serving institutions in eight states in the United States. Its main function is to conduct an eight-week summer program in science, mathematics and computer science at these institutions.

The basic structure of Proyecto Access is modeled after an extremely successful summer program in Texas called the Texas Pre-freshman Engineering Program (TexPREP). TexPREP was started in 1979 at the University of Texas at San Antonio by Dr. Manual Berriozabal and now operates in 23 Texas community and senior college campuses in 12 Texas cities. The program curriculum consist of three summer sessions called Prep1 (7th grade students), PREP2 (returning PREP1 students) and PREP3 (returning PREP2 students).

New Jersey City University

NJ Higher Education Sector: State College or University

Proyecto Science

Type of Partnership: Precollege Program

Year Began: 1997

Participants Served: 90

CONTACT INFORMATION

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Web Site: <http://www.njcu.edu/programs/proyectoscience/>

Partners: schools in Bayonne, Jersey City and West New York

DESCRIPTION

Proyecto Science's mission is to identify middle and high school students with an interest and potential for careers in engineering, science, technology and other mathematics-related areas and to reinforce their pursuit of these fields. The goals of the program are to develop abstract reasoning and problem solving skills necessary for successful college studies in mathematics, to acquire hands-on experience in science, mathematics and engineering projects and to acquire expertise in the use of modern technology and the Internet as instruments for learning. Students participate in classes and activities related to mathematics, statistics, programming, robotics, engineering, music, photography, journalism, career awareness seminars and field trips. There is no charge for the students and several participating school districts provide transportation and lunch for their students.

Upward Bound

Type of Partnership: Precollege Program

Year Began: 1995

Participants Served: 60

CONTACT INFORMATION

Lynn Idehen, Upward Bound Director

New Jersey City University

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Partners: Lincoln, Ferris, Dickinson High Schools

DESCRIPTION

The Upward Bound Program is a comprehensive academic support program designed to recruit, retain and motivate students in grades 9 through 12 to successfully complete high school and prepare to enter and graduate college. The program provides academic instruction during the academic year in lab sciences, history, foreign language, mathematics, computer skills and English classes. Standardized preparatory classes are held throughout the academic year and during the summer program. Tutoring, mentoring, and individual and group counseling classes are offered. Students also participate in performing arts and recreational activities.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Consortium for Pre-College Education in Greater Newark/GEAR UP

Type of Partnership: Precollege Program

Year Began: 1986

Participants Served: 533

CONTACT INFORMATION

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Partners: East Orange, Irvington, Newark School District, Rutgers University-Newark, University of Medicine and Dentistry of New Jersey

DESCRIPTION

The Consortium for Pre-College Education in Greater Newark is a collaboration between New Jersey Institute of Technology, Rutgers-Newark College of Arts and Sciences, and the University of Medicine and Dentistry of New Jersey. The program is designed to incorporate the State Core Curriculum Content Standards into our courses to enhance students' academic skills within the basic disciplines of mathematics, science, language arts and computer literacy. It is our objective to ensure that program participants are prepared for admission to and graduation from postsecondary institutions.

Elizabeth High School CAP Partnership @ NJIT

Type of Partnership: Precollege Program

Year Began: 2004

Participants Served: 6 students

CONTACT INFORMATION

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Partners: NJIT, Elizabeth High School, Conoco Phillips, Bayway Refinery, Cogen Technologies Linden Venture, Infineum USA L.P.

DESCRIPTION

The goal of this partnership is to afford Elizabeth High School students the opportunity and financial resources to attend a residential, summer program at NJIT. The University provides these students with college credit for successful completion of the courses. Urban youngsters are allowed to experience, first hand, STEM courses that are offered on a campus that specializes in technologically oriented coursework

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Engineering Prep Program

Type of Partnership: Precollege Program

Year Began: 1994

Participants Served: 25

CONTACT INFORMATION

Rosa M. Cano, Director, EPBP Program
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Web Site: www.njit.edu/precollege

Partners: Newark School District

DESCRIPTION

The Engineering Preparatory Program is a nontraditional five-week program designed to help students overcome their anxiety about physics and mathematics, the cornerstones of the engineering curriculum. Engineering Prep will help prepare students to succeed in high school advanced mathematics and physics courses. Through classroom discussions, lectures, lab experiments, demonstrations, projects and field trips, participants will learn advanced mathematics, geometry, trigonometry and precalculus/calculus, physics, engineering principles, higher level problem-solving strategies, computer programming and applications, and written and oral communications. Students will also receive preparation training for the SAT exam.

Explore Careers in Technology and Engineering - EXCITE

Type of Partnership: Precollege Program

Year Began: 2003

Participants Served: 25

CONTACT INFORMATION

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Partners: Newark School District

DESCRIPTION

Explore Careers in Technology and Engineering (EXCITE) is designed to encourage post-seventh-grade students to learn about careers in technology and engineering. Students participate in a series of laboratory modules in environmental engineering, aeronautical engineering, chemical engineering, biomedical engineering and computer science.

Students also receive test preparation training for the Grade Eight Proficiency Assessment (GEPA) in language arts, mathematics, and science through nontraditional, innovative methodologies, techniques and strategies that will help students become "smarter test takers." Through classroom work, activities, workshops and field trips, participants will enrich their computer, mathematics, science and communications skills while increasing their critical-thinking and problem-solving abilities.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

FIRST Robotics Collaborative with Newark Public Schools

Type of Partnership: Build Interest in a Specific Discipline - Engineering and Engineering Technology

Year Began: 2002

Participants Served: 260 students and teachers

CONTACT INFORMATION

Levelle Burr-Alexander, Project Manager - Instruction

New Jersey Institute of Technology

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Web Site: <http://www.usfirst.org>

Partners: NJ/NYC Regional FIRST, Newark Public Schools, New Jersey Commission on Higher Education

DESCRIPTION

New Jersey Institute of Technology has partnered with NJ/NYC FIRST Regional Office and Newark Public Schools to encourage and prepare Newark students, in grades 6-12, to pursue further studies and careers in scientific and technical fields. The objective is to enhance science, technology, engineering, and mathematics classroom instruction and student performance through the preparation for the US For Inspiration and Recognition in Science and Technology (FIRST) LEGO League Tournament and FIRST Robotics Competition. This is a national pre-engineering partnership. The program provides robotics technical assistance through site visits to Newark Public School's middle school teams; facilitates Saturday Help Clinics, staffs a Virtual Help Desk and local tournament conducted on campus; and referees at the district's local tournament at NJIT

IChIME

Type of Partnership: Precollege Program

Year Began: 1980

Participants Served: 24

CONTACT INFORMATION

Reginald P.T. Tomkins, Associate Chairperson for Graduate Studies & Industrial Relations

New Jersey Institute of Technology

161 Warren Street, Newark, NJ 07102-1982

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Email: tomkinsr@adm.njit.edu

Partners: Passaic School District, Essex School District, Union School District

DESCRIPTION

The Introduction to Chemical Industry for Minorities in Engineering (IChIME) program is a four-week project designed to give post-eighth-grade minority students an opportunity to increase their understanding, awareness, and participation in the fields of chemistry and chemical engineering. The program includes formal classroom work, laboratory activities, projects, seminar sessions, and field trips. Participants learn about chemistry and chemical engineering, environmental science, computer programming, and applications.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Newark Public Schools at the Pre-college Academy @ NJIT

Type of Partnership: College Credits for High School Students

Year Began: 1998

Participants Served: 20 students

CONTACT INFORMATION

Ms. Diana Muldrow, Project Coordinator, Center for Pre-College Programs

New Jersey Institute of Technology

Newark, NJ

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Web Site: <http://www.njit.edu/precollege>

Partners: Newark Public Schools, NJIT

DESCRIPTION

The goal of the program is to provide Newark high school students the opportunity and financial resources necessary to take college courses at NJIT. NJIT provides these students with college credit for successful completion of the courses. Urban youngsters are allowed to experience, first hand, STEM courses that are offered on a campus that specializes in technologically oriented coursework.

NJIT/GEAR-UP Partnership Program

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 324

CONTACT INFORMATION

Mr. Anthony Robinson, Director, GEAR UP Partnership Program

New Jersey Institute of Technology

Newark, NJ

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Web Site: <http://www.njit.edu/precollege>

Partners: Camden Middle Technology School, West Side High School, The Newark Public School District, The New Jersey Department of Corrections, The New Jersey Community Resource Initiative

DESCRIPTION

The GEAR-UP Partnership goal is to provide its students with academic enrichment skills and motivation needed to complete middle school, prepare for college preparatory coursework in high school, and successfully attend post-secondary institutions. In addition, the GEAR-UP Partnership collaborates with parents, teachers, administrators, and community partners, for systemic change and improvement in curriculum, instruction and programming.

During the summer and the academic year services are provided to the students including standardized test preparation, academic enrichment programs, career guidance, academic counseling, tutorials, mentoring, and referrals to other services. To support systemic change, the project also provides parent and teacher workshops, as well as attends School Leadership Council meetings.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Pre-college Academy

Type of Partnership: Precollege Program

Year Began: 1989

Participants Served: 60

CONTACT INFORMATION

Diana Muldrow, Director

New Jersey Institute of Technology

University Heights, Newark, NJ 07102

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Web Site: www.njit.edu/old/precollege/academy.html

DESCRIPTION

The Pre-college Academy at NJIT is an academic year program for high-ability high school students who want to get a jump on their college careers. The Academy is designed for participants to earn college credits in customized Saturday classes taught by faculty who have been recognized for their commitment to teaching excellence. At the end of the Academy, grades are recorded on an NJIT transcript. Course credits can be applied toward an undergraduate degree at NJIT and at most other colleges and universities.

Pre-Engineering Program

Type of Partnership: Precollege Program

Year Began: 1983

Participants Served: 125

CONTACT INFORMATION

Rosa Cano, Director, WIET-FEMME Program

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University Heights, Newark, NJ 07102

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Email: cano@adm.njit.edu

Partners: various school in Essex County

DESCRIPTION

The Pre-Engineering Program (PrEP) is a four-week project designed to provide post-sixth-grade students with an introduction to various disciplines in engineering. This program gives students an opportunity to enhance their mathematics, science, communications, and technological academic achievement, develop problem-solving and critical-thinking skills, and learn about careers in engineering, science and technology. Through classroom discussions, hands-on laboratory experimentation, computer activities, and field trips, participants are introduced to engineering concepts and applications to everyday life.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Professional Development Program

Type of Partnership: Curriculum Development

Year Began: 1996

Participants Served: 120 - 150

CONTACT INFORMATION

Dr. Howard Kimmel, Professor of Chemical Engineering & Executive Director, Center for Pre-College Programs

New Jersey Institute of Technology

Newark, NJ

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Partners: NJIT, NPS

DESCRIPTION

The purpose of this program is to provide workshops that will improve and enhance teachers' skills and knowledge in preparing standards-based lessons that will help their students achieve the skills and knowledge defined by the NJ Core Curriculum Content Standards; and to improve and enhance teachers' skills and knowledge to help their students understand and use the tools of measurement important in the study of science and engineering. The program provides professional development workshops during the summer and academic year.

Project GRAD Summer Institute at NJIT

Type of Partnership: Precollege Program

Year Began: 1998

Participants Served: 75

CONTACT INFORMATION

Armand Berliner, Director, Project GRAD

New Jersey Institute of Technology

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Partners: Malcolm X. Shabazz High School, Central High School

DESCRIPTION

The New Jersey Institute of Technology (NJIT) is the host site for the Project GRAD 2004 program for Newark's Central High School and Malcolm X. Shabazz rising 10th-grade students. There are approximately 50 participants chosen from among the students who select the "Engineering Academy" track at Central and those who are considering engineering and science as career goals. The highlight of the NJIT program is a one-week residential experience at the New Jersey Marine Sciences Consortium at their site at Sandy Hook, NJ. Students stay at the Monmouth University dormitories.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Project Lead The Way

Type of Partnership: Build Interest in a Specific Discipline - Engineering and Engineering Technology

Year Began: 2002

Participants Served: 900-1,200 students and teachers

CONTACT INFORMATION

Levelle Burr-Alexander, Project Manager - Instruction

New Jersey Institute of Technology

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Partners: National Office of PLTW, NJ Commission on Higher Education, School Districts & Schools

DESCRIPTION

Project Lead The Way® (PLTW) is a national pre-engineering partnership. The program goal is to increase the academic preparation of secondary students interested in engineering and engineering technology at the post secondary level. NJIT serves as the NJ Affiliate by providing information, professional development and support to perspective and participating schools throughout the state.

Middle school students are introduced to technology through the application of the engineering design process. High school students select year-long courses designed to strengthen problem-solving, communication and team building skills; apply the engineering design process; broaden scientific methodology; understand technological systems; and demonstrate mathematics principles.

Talent Search

Type of Partnership: Precollege Program

Year Began: 1991

Participants Served: 1000

CONTACT INFORMATION

Henry McCloud, Director

New Jersey Institute of Technology

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Web Site: www.njit.edu/precollege

Partners: Newark Public Schools

DESCRIPTION

Program Services (Academic):

Remedial Instruction, Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

The Algebra Prep Program

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 25

CONTACT INFORMATION

Rosa M. Cano, Associate Director, Center for Pre-College Programs; Director, Algebra Prep Program

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Web Site: www.njit.edu/precollege

Partners: Newark School District

DESCRIPTION

The Algebra Prep Program is a four-week preparatory program for students entering the 8th or 9th grade who will be enrolling in Algebra I. The program is design to prepare these students to successfully complete Algebra I, and encourage them to choose advanced mathematics and college preparatory courses in high school. AP academic curricula are designed to help students overcome math anxiety by providing participants with opportunities to master Algebra concepts and higher-level problem-solving skills. The structure of the program includes classroom discussions and lectures, projects, portfolio assignments, homework, learning circles, tests, and field trips. Participants will learn Algebra I, communication skills, computer applications, and receive PSAT exam preparation. Problem-solving skills are stressed throughout the program, allowing the students to feel confident in their abilities to make decisions, while encouraging them to attain their academic potential through hands-on projects related to scientific and engineering disciplines. Students work in teams in an effort to increase group dynamic skills.

The Experimental Math, Science and Communications Program

Type of Partnership: Precollege Program

Year Began: 1984

Participants Served: 25

CONTACT INFORMATION

Rose Dios PhD, Director

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Web Site: www.njit.edu/precollege

Partners: Newark School District

DESCRIPTION

The EMSCP project is a four-week program designed to enrich students' mathematics and science backgrounds while increasing their critical thinking and problem-solving abilities. Through classroom work, hands-on lab experimentation and constructive activities, workshops, and field trips, participants will learn to focus on relationships between mathematical concepts and their applications in science and everyday life. The structure of the program includes classroom discussion, lectures, projects, portfolio assignments, homework, study groups, rubric assessments, tests, and field trips. Academic curricula provide students with opportunities to master higher-level problem-solving skills in mathematics, science and technology, learn about computer science and engineering principles, and become prepared and motivated to choose mathematics, science, and technology college preparatory courses in high school.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

The Perth Amboy Scholars (PAS) @ NJIT

Type of Partnership: Precollege Program

Year Began: 2003

Participants Served: 50 students

CONTACT INFORMATION

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Newark, NJ

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Partners: NJIT, Perth Amboy Public Schools

DESCRIPTION

The goal of the Perth Amboy Scholars Program (PAS) @ NJIT is to increase the number of urban students pursuing and successfully completing careers in science, technology, engineering and mathematical (STEM) fields.

This goal will be accomplished by: enhancing students' mathematics and science achievement while developing their problem solving & critical thinking skills; maintaining students' interest in STEM fields during the secondary school years by encouraging high school students to take college courses for college credit in STEM subjects; encouraging students to learn about careers and pursue studies in STEM areas; and promoting students' healthy self-esteem and positive self-efficacy, inspiring feelings of competency while challenging their fear of failure.

Student instruction in environmental science, engineering, mathematics, chemistry, computer applications, and language arts is provided through classroom discussions, lectures, laboratory experiments, projects and field trips in the summer (New Jersey Core Curriculum Standards). They have structured daily athletic activities to promote team-building and reinforce classroom principles of teamwork.

Union City Scholars @ NJIT

Type of Partnership: College Credits for High School Students

Year Began: 1992

Participants Served: 236 students

CONTACT INFORMATION

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Telephone: 973.596.3574

Fax: 973.596.4641

Email: muldrow@adm.njit.edu

Web Site: <http://www.njit.edu/precollege>

Partners: Union City Board of Education, NJIT

DESCRIPTION

The program provides student instruction in engineering, mathematics, chemistry, computer applications, and language arts through classroom discussions, lectures, laboratory experiments, projects and field trips in the summer (New Jersey Core Curriculum Standards). They have structured daily athletic activities to promote team-building and reinforce classroom principles of teamwork. In addition, students receive college credit for college courses; letters of recommendation; financial aid; and academic tutoring. Urban youngsters are allowed to experience, first hand, STEM courses that are offered on a campus that specializes in technologically oriented coursework

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Upward Bound

Type of Partnership: Precollege Program

Year Began: 1989

Participants Served: 60

CONTACT INFORMATION

Henry McCloud, Director

New Jersey Institute of Technology

University Heights, Newark, NJ 07102-1982

Telephone: (973) 596-5841

Fax: (973) 642-4857

Email: mccloud@adm.njit.edu

Web Site: www.njit.edu/precollege

Partners: Newark Public Schools

DESCRIPTION

The Upward Bound Program at New Jersey Institute of Technology is a free program funded by the U.S. Department of Education. The program is designed to a) assist and motivate students to succeed and graduate from high school, and b) prepare students to enroll and complete a postsecondary education of their choice. It is our goal to encourage students to pursue careers in the science and technological fields. We offer academic instruction and tutorial; personal counseling; college planning and placement; financial advising; educational, cultural and recreational activities; workshops and seminars; and field trips.

Upward Bound Math/Science

Type of Partnership: Precollege Program

Year Began: 1991

Participants Served: 50

CONTACT INFORMATION

Henry McCloud, Director

New Jersey Institute of Technology

University Heights, Newark, NJ 07102-1982

Telephone: (973) 596-5841

Fax: (973) 642-4857

Email: mccloud@adm.njit.edu

Web Site: www.njit.edu/precollege

DESCRIPTION

Each summer, we accept students from New Jersey, New York, Puerto Rico and the Virgin Islands. The highlights of our program are the 5-week summer residential program and our faculty mentoring project. During the school year, we have follow-up activities for local students.

New Jersey Institute of Technology

NJ Higher Education Sector: Public Research University

Urban Civil Engineering Summer Institute

Type of Partnership: Precollege Program

Year Began: 1971

Participants Served: 25

CONTACT INFORMATION

Harold Deutschman, Director, Urban Civil Engineering Summer Institute

New Jersey Institute of Technology

University Heights, Newark, NJ 07102

Telephone: (973) 596-3424

Fax: (973) 642-1847

Email: deutschmanh@adm.njit.edu

Web Site: www.njit.edu/precollege

Partners: area high schools in Newark

DESCRIPTION

The Urban Civil Summer Institute (UCESI) is a five-week program designed to provide post-ninth-grade students with a unique exposure to the profession of civil engineering. Students are introduced to engineering through challenging classroom and laboratory activities.

Participants learn about principles of engineering, mathematics, computer programming and applications, transportation, urban planning and design, and communications.

Women in Engineering & Technology Initiative-FEMME Program at NJIT

Type of Partnership: Precollege Program

Year Began: 1983

Participants Served: 125

CONTACT INFORMATION

Rosa M. Cano, Director

New Jersey Institute of Technology

University Heights, Newark, NJ 07102-1982

Telephone: (973) 596-3424

Fax: (973) 642-1847

Email: cano@adm.njit.edu

Web Site: www.njit.edu/precollege

Partners: area schools in Newark

DESCRIPTION

The Women in Engineering and Technology Initiative-FEMME Program is a four-week program designed to provide post-fourth through tenth-grade girls with opportunities to enhance their mathematics and science academic achievement, develop their problem-solving and critical thinking skills, promote their self-esteem and self-confidence, and encourage them to choose careers in scientific and technological fields in which women are traditionally underrepresented.

The program provides an intensive four-week summer component for each of five different groups of female students and will include classroom discussions, lectures, laboratory experiments and demonstrations, projects, and field trips.

Passaic County Community College

NJ Higher Education Sector: Community College

Urban Consortium Upward Bound

Type of Partnership: Precollege Program

Year Began: 2003

Participants Served: 50

CONTACT INFORMATION

Clarence Wright, Director of Urban Consortium

Passaic County Community College

1 College Boulevard, Patterson, NJ 07505

Telephone: (973) 684-5201

Fax: (973) 279-9327

Email: cwright7@pccc.edu

Web Site: www.pccc.edu

Partners: Paterson and Passaic School Districts

DESCRIPTION

The mission of the Upward Bound Program is to empower eligible high school students to increase their academic skills in order to achieve a higher education. Upward Bound serves high school students from low-income families or high school students from families in which neither parent holds a bachelors degree. Upward Bound provides instruction in math, science, composition, literature, and foreign language.

Urban Consortium: Supplemental Services Provider

Type of Partnership: Precollege Program

Year Began: 2004

Participants Served: 300

CONTACT INFORMATION

Clarence Wright, Director, Urban Consortium

Passaic County Community College

1 College Boulevard, Patterson, NJ 07505

Telephone: (973) 684-5201

Email: cwright7@pccc.edu

Web Site: www.pccc.edu

Partners: Paterson and Passaic School Districts

DESCRIPTION

The Supplemental Services Provider Program will begin in the Fall of 2004. The program will provide tutoring to a maximum of 300 students after school, during the academic year.

Passaic County Community College

NJ Higher Education Sector: Community College

Urban Education Consortium College Bound Program

Type of Partnership: Precollege Program

Year Began: 1986

Participants Served: 175

CONTACT INFORMATION

Clarence Wright, Executive Director
Passaic County Community College
1 College Boulevard, Paterson, NJ 07111
Telephone: (973) 684-5201
Fax: (973) 279-9327
Email: cwright7@pccc.edu
Web Site: www.pccc.edu

Partners: Patterson and Passaic School Districts

DESCRIPTION

The mission of the Passaic County Community College, College Bound Program is to support 9th through 12th grade students in completing high school and preparing for a college career, primarily focusing on science, math and technology.

The program is designed to provide students with tutoring, academic and personal counseling; financial aid and college admissions counseling; counseling and job search skills; and introduction to the various career opportunities in the field of science, math and technology. The program also provides parents the opportunity to participate in activities that relate to their child's academic instruction and their own personal development.

Princeton University

NJ Higher Education Sector: Independent College or University

Princeton University Preparatory Program

Type of Partnership: Precollege Program

Year Began: 2001

Participants Served: 60

CONTACT INFORMATION

John B. Webb, Director, Program in Teacher Preparation

Princeton University

41 Willow Street, Princeton, NJ 08540

Telephone: (609) 258-3336

Fax: (609) 258-4527

Email: jwebb@princeton.edu

Web Site: www.princeton.edu/teacher/PUPP

Partners: Trenton Central High School, Ewing High School, Princeton High School

DESCRIPTION

Since the summer of 2001, the Princeton University Preparatory Program has annually invited 20 to 25 ninth-grade local high school students, chosen on the basis of their academic potential and family income, to participate in an intensive three-year program that introduces them to the world of scholarship and raises their academic sights. Each summer of their high school years, the students spend six weeks on the Princeton University campus taking courses and interacting with university faculty. The curriculum is built around intensive reading and writing, an introduction into higher-level mathematics, courses in physical science and sociology, and an in-depth exposure to the fine arts. A special program has been added that will prepare students for standardized tests and for the college application process. Full support is provided for seniors in preparing and submitting their college application.

Ramapo College of New Jersey

NJ Higher Education Sector: State College or University

College Bound/ROOTS

Type of Partnership: Precollege Program

Year Began: 1998

Higher Education Partner: Ramapo College

Participants Served: 70

CONTACT INFORMATION

Carol Frishberg Ph.D., Professor of Chemistry

Ramapo College

505 Ramapo Valley Road, Mahwah, NJ 07430-1680

Telephone: (201) 684-7705

Fax: (201) 684-7717

Email: cfrishbe@ramapo.edu

Partners: Patterson School District, Passaic County

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Ramapo College Upward Bound Math-Science

Type of Partnership: Precollege Program

Year Began: 1996

Higher Education Partner: Ramapo College

Participants Served: 51

CONTACT INFORMATION

Carol Frishberg Ph.D., Professor of Chemistry

Ramapo College

505 Ramapo Valley Road, Mahwah, NJ 07430-1680

Telephone: (201) 684-7705

Fax: (201) 684-7717

Email: cfrishbe@ramapo.edu

Partners: Paterson and Newark School Districts

DESCRIPTION

Program Services (Academic):

Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring,

Program Services (Other):

Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Richard Stockton College of NJ, The

NJ Higher Education Sector: State College or University

Atlantic County Traumatic Loss Coalition

Type of Partnership: Non-Academic Support Services

Year Began: 2002

Higher Education Partner: The Richard Stockton College of New Jersey

Participants Served: 24 School districts and community mental health agencies

CONTACT INFORMATION

Pomona, NJ

Partners: The Richard Stockton College of NJ, Atlantic County Office of Mental Health, UMDNJ - Traumatic Loss Coalition for Youth

DESCRIPTION

The Atlantic County Traumatic Loss Coalition provides P-12 educators, mental health, and law enforcement personnel with a vital, supportive structure for networking to benefit our children and youth. The primary goal of the coalition is to provide assistance to school personnel as they manage significant losses and traumatic events that may impact the school community.

Monthly meetings include a forum on mental health initiatives and services in the county as well as a discussion of any traumatic loss events that occurred over the past month that may have impacted children or schools. An educational presentation is included during each meeting on a topic of relevance to adolescent mental health professionals. The coalition coordinates requests from school districts to assist in counseling services for students and staff following a traumatic incident such as the death of a child or staff member. The coalition organizes a yearly conference on a topic of mutual interest to school personnel.

G.O.A.L. "Go On and Learn"

Type of Partnership: College Credits for High School Students

Year Began: 1990

Higher Education Partner: The Richard Stockton College of New Jersey

Participants Served: 50 per year

CONTACT INFORMATION

Donna McNeely-Greene, Assistant VP for Student Affairs

Richard Stockton College of New Jersey

Pomona, NJ

Telephone: 609.652.4646

Email: Dee.McNeely-Greene@stockton.edu

Partners: Richard Stockton College - donates the tuition, Atlantic City High School - pays for students' books, The Sands Hotel and Casino - provides the bus transportation

DESCRIPTION

G.O.A.L. targets students who are capable of completing college level work, but because of social or financial pressures would not otherwise pursue a college education after high school. The objectives of the program are as follows: to enable high school students to successfully take and complete college level courses for college credit; to provide high school students with an opportunity to successfully experience a college level curriculum in a postsecondary environment; to stimulate intellectual curiosity and higher order thinking skills for secondary school students who may otherwise go intellectually unchallenged in relation to postsecondary learning experiences; to provide the positive reinforcement necessary for the student who may otherwise be unwilling to take the risk of college level work; and to further develop the fertile and collegial relationship between Stockton College and Atlantic City High School.

The program provides an opportunity for 50 selected Atlantic City High School seniors to enroll free of charge in regular college courses at Stockton each spring. Classes are representative of the current national effort to increase the enrollment of minority students in colleges and universities. This collaborative effort among Stockton, Atlantic City High School and the Sands Casino and Hotel demonstrates the effective results that are attainable when institutions work together on behalf of urban students.

Richard Stockton College of NJ, The

NJ Higher Education Sector: State College or University

Go On And Learn

Type of Partnership: Precollege Program

Higher Education Partner: The Richard Stockton College of New Jersey

Participants Served: 0

CONTACT INFORMATION

Janice Joseph, Professor of Criminal Justice

The Richard Stockton College of New Jersey

Jimmy Leeds Road, Pomona, NJ 08240-4312

Telephone: (609) 652-4312

Email: josephj@stockton.edu

Partners: Atlantic City School District

DESCRIPTION

Program Services: College Awareness

Southern Regional Educational Technology Training Center

Type of Partnership: Professional Development for Teachers

Year Began: 1997

Higher Education Partner: The Richard Stockton College of New Jersey

Participants Served: 73 school districts & not-for-profits, 10,000 P-12 teachers/staff, 83,000 students

CONTACT INFORMATION

Dr. Harvey Kesselman, CEO, Southern Regional Institute (SRI)

Richard Stockton College of New Jersey

701 Route 50, Mays Landing, NJ 08330

Telephone: 609.625.6040

Fax: 609.625.6040

Email: Harvey.Kesselman@stockton.edu

Web Site: <http://www.ettc.net>

Partners: The Richard Stockton College of New Jersey, 73 school districts and non-profits, Atlantic County AVA, Atlantic County Library System, Atlantic Cape Community College

DESCRIPTION

Atlantic County Educational Technology Training Center (ETTC) is a shared service that offers relevant and affordable professional development to all K-12 districts in the county, specifically in technology skills and integration. The college administers the Consortium and shares in the cost of the facilities. The ETTC was renamed by the NJDOE in 2002 as its membership and mission expanded, and now includes 73 school districts and not-for-profit agencies from 5 counties. Programming now includes technology as well as workshops that address core curriculum content standards, classroom management, data analysis, new teacher institutes, and organizational and administrative topics for school leaders and other professionals.

The center is open year-round, 5 days a week for structured workshops as well as drop-in assistance. A state-of-the-art demonstration facility provides teachers with opportunities to explore new hardware and software. Programming also offered off-site at members facilities. Public calendars and custom programming are available to districts throughout the region. Nearly 700 workshops/seminars/presentations are offered each year.

Richard Stockton College of NJ, The

NJ Higher Education Sector: State College or University

The Odyssey Project

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: The Richard Stockton College of New Jersey

Participants Served: 425 (students, HS teachers, college faculty)

CONTACT INFORMATION

Lisa Honaker, Asst. Professor, British Literature

The Richard Stockton College of New Jersey

PO Box 195, Jim Leeds Road, Pomona, NJ 08240

Telephone: 609.652.4760

Fax: 609.652.4550

Email: Lisa.Honacker@stockton.edu

Partners: The Richard Stockton College of NJ, The New York Times, Absegami HS, Atlantic City HS, Monroe Twsp HS

DESCRIPTION

The Odyssey Project is a collaborative venture with the New York Times, Stockton faculty, and three New Jersey High Schools that seeks to more effectively bridge the gap between high school and further education by developing the metacognitive skills students need to succeed in college, as citizens and reflective human beings after graduation. Using The Times as a resource, a diverse group of high school teachers and administrators work with Stockton faculty to develop high school senior level courses and other collaborative projects designed to expand upon the core content curriculum. Addressing the senior "slump", the project targets both college-bound students and those with lower aspirations.

Rider University

NJ Higher Education Sector: Independent College or University

Minding Our Business

Type of Partnership: Precollege Program

Year Began: 1997

Participants Served: 90

CONTACT INFORMATION

Sigfredo A. Hernandez, Founder/Administrator

Rider University

2083 Lawrenceville Rd., Lawrenceville, NJ 08648

Telephone: (609) 895-5509

Fax: (609) 896-5304

Email: Hernandez@rider.edu

Partners: Arthur J. Holland Middle School, Martin Luther King, Jr. Middle School, Rivera Middle School

DESCRIPTION

Program Services (Academic):

Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development

Program Services (Other):

Leadership Development and entrepreneurial skills, Social Skills Development/Confidence Building, Campus Visits & Tours, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Rowan University

NJ Higher Education Sector: State College or University

Attracting Women into Engineering

Type of Partnership: Precollege Program

Year Began: 1999

CONTACT INFORMATION

Jennifer Kadlowek, Assistant Professor
Rowan University
201 Mullice Hill Road, Glassboro,, NJ 08028
Telephone: (856) 256-5344
Fax: (856) 252-5241
Email: kadlowec@rowan.edu

DESCRIPTION

Program Services (Academic):
Hands on laboratory modules in Science and Engineering

Program Services (Other):
Career Counseling, Mentoring

Rowan University C.H.A.M.P./GEAR UP Program

Type of Partnership: Precollege Program

Year Began: 1986

Participants Served: 400

CONTACT INFORMATION

Dr. Eric Clark, Dean
Rowan University
200 North Broadway, Camden, NJ 08102
Telephone: (856) 756-5420
Fax: (856) 756-5432
Email: clark@camden.rowan.edu
Web Site: www.rowan.edu/camden/champ

Partners: Camden City, Vineland, Bridgeton, and Millville School Districts

DESCRIPTION

Program Services (Academic):
Remedial Instruction, Computer Skills Training, Study Skills Training, Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development, Grade & Attendance Monitoring

Program Services (Other):
Social Skills Development/Confidence Building, Leadership Development, Campus Visits & Tours, College Fairs, College Awareness, Career Counseling, Mentoring, Personal Counseling, Cultural Activities

Rowan University

NJ Higher Education Sector: State College or University

Summer Institute in Materials Science

Type of Partnership: Precollege Program

Year Began: 2002

Participants Served: 24

CONTACT INFORMATION

Sam Lofland, Professor

Rowan University

201 Mullica Hill Road, Glassboro, NJ 08028

Telephone: (856) 256-4382

Fax: (856) 256-4478

Email: lofland@rowan.edu

Web Site: www.rowan.edu/materials

DESCRIPTION

The Summer Institute in Materials Science is a two-week program focused on introducing high school students and teachers to the impact that materials science and engineering has on the development of new technology. This is achieved through hands-on experiences with faculty and students using cutting-edge research tools. There are visits to local high-tech industry as well as seminars by internationally known scholars.

Rowan University Professional Development Schools Network

Type of Partnership: Professional Development for Teachers

Year Began: 1991

Higher Education Partner: Rowan University - College of Education

CONTACT INFORMATION

Carol A. Sharp, Dean, College of Education

Rowan University

201 Mullica Hill Rd, Glassboro, NJ 08028

Telephone: 856.256.4750

Fax: 856.256.4918

Email: sharp@rowan.edu

Web Site: <http://www.rowan.edu/coe>

Partners: Monroe Township School District, Glassboro, Bullock School, Camden, Sumner and Coopers Poynt Schools, Vineland, Johnstone School, Cherry Hill Schools, Johnson School

DESCRIPTION

The professional development schools network serves as a setting to support the beginning and ongoing learning of teachers. Like teaching hospitals, these schools aim to provide sites for state-of-the-art practice that are organized to foster the training of new professionals, extend the professional development of veteran teachers, and sponsor collaborative research and inquiry.

Rutgers, The State University of New Jersey, Camden

NJ Higher Education Sector: Public Research University

MPA Educational Policy and Leadership Track "Aspiring Principals Program"

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Camden

Participants Served: 15 aspiring principals from Camden Public Schools

CONTACT INFORMATION

Dr. Gloria Bonilla-Santiago, Faculty Director/PI

Rutgers University-Camden

321 Cooper Street, Camden, NJ 08102

Telephone: 856.225.6348

Fax: 856.225.6500

Email: gloriabs@camden.rutgers.edu

Web Site: <http://www.camden.rutgers.edu/Camden/CFSUCL>

Partners: Rutgers University-Camden, Camden Board of Education

DESCRIPTION

The MPA Education Policy and Leadership Track was designed to prepare a cohort of 15 Camden Board of Education teachers and staff for principal positions in Camden City schools. Fifteen students from Camden City Public Schools will simultaneously complete their Master's degree in Public Administration, while fulfilling the requirements for principal certification in New Jersey. Currently, the track is structured as a two-year program which includes: completion of 7 core courses; 5 specialized courses; and a 9-credit internship/residency over two semesters requiring students to be assigned to a school under the guidance of a principal mentor on a full-time basis. The pilot program was developed to target aspiring principals and to facilitate the certification process, so that graduates could be in a position to begin working as principals in Camden City upon graduation.

Rutgers/LEAP Early Childhood Development Initiative

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Camden

Participants Served: 96 teachers, 96 assistants and 500 plus parents

CONTACT INFORMATION

Dr. Gloria Bonilla-Santiago , & Cindy Ciocco, Faculty Director/PI ,Program Director

Rutgers University-Camden

321 Cooper Street, Camden, NJ 08102

Telephone: 856.225.6348

Fax: 856.225.6500

Email: gloriabs@camden.rutgers.edu

Web Site: <http://www.camden.rutgers.edu/Camden/CFSUCL>

Partners: Rutgers University-Camden, Knight Foundation, Abbott Early Childhood Program in Camden City, Children's Literacy Initiative

DESCRIPTION

The Rutgers/LEAP Early Childhood Development Initiative is a comprehensive effort targeted at strengthening early childhood education and family literacy in Camden City. The focus of this effort is on building capacity among teachers, parents, and staff enrolled or working at pre-schools under the Abbott Early Childhood Program. The program is offering ongoing training and coaching activities geared at enhancing teaching effectiveness, improving language abilities of children, empowering parents, and transforming the organizational culture of pre-school centers.

Rutgers, The State University of New Jersey, Camden

NJ Higher Education Sector: Public Research University

Rutgers/LEAP GEAR-UP Program

Type of Partnership: Precollege Program

Year Began: 1998

Higher Education Partner: Rutgers, The State University of New Jersey - Camden

Participants Served: 432 students and their parents

CONTACT INFORMATION

Dr. Gloria Bonilla-Santiago/Dr. Tamara Sniad, Faculty Director & PI/Program Director

Rutgers University-Camden

321 Cooper Street, Camden, NJ 08102

Telephone: 856.225.6348

Fax: 856.225.6500

Email: gloriabs@camden.rutgers.edu

Web Site: <http://www.camden.rutgers.edu/Camden/CFSUCL>

Partners: Rutgers University-Camden, LEAP Academy University Charter School, Corriel Institute, Commerce Bank, Boscov's Department Stores

DESCRIPTION

The Rutgers/LEAP GEAR UP Project provides college awareness and college readiness programs and services to students enrolled at the LEAP Academy University Charter School, beginning in the fifth grade and continuing through high school. The overarching goal for this initiative is to raise the number of low-income minority students in Camden who successfully pursue a college education.

Specific activities include the following: Academic Development: development of a pre-college curriculum, tutoring, test preparation, academic counseling, financial aid workshops, college application and essay workshops, company tours, job shadowing, internships, career awareness, resume and interview workshops; Social Development: community service, mentoring, cultural outings; and Strengthening Support Systems: home visits, parent workshops, professional development for project staff.

Rutgers/LEAP Initiative

Type of Partnership: Curriculum Development

Year Began: 1993

Higher Education Partner: Rutgers, The State University of New Jersey - Camden

Participants Served: 750 students + 500 plus families

CONTACT INFORMATION

Dr. Gloria Bonilla-Santiago/Wanda Garcia, Faculty Director & PI/ Program Director

Rutgers University-Camden

321 Cooper Street, Camden, NJ 08102

Telephone: 856.225.6348

Fax: 856.225.6500

Email: gloriabs@camden.rutgers.edu wandag@camden.rutgers.edu

Web Site: <http://www.camden.rutgers.edu/Camden/CFSUCL>

Partners: LEAP Academy University Charter School, Rutgers University-Camden, Delaware River Port Authority, Robert Wood Johnson Foundation, Geraldine Dodge Foundation

DESCRIPTION

The Rutgers/LEAP Initiative is a multi-million dollar effort which encompasses the LEAP Academy University Charter School, serving 750 children in grades Pre-K-12th, and the Rutgers School-Based Centers of Excellence. It represents a comprehensive outreach effort of Rutgers-Camden to enhance opportunities for the children and families of Camden through the integration of education, health and human service programs, and community development. LEAP offers expanded learning opportunities, including an extended day/year-round instructional program; comprehensive health services; ongoing professional development opportunities for teachers and staff; and extensive parent involvement. The partnership provides Pre-K through 12th-grade instruction and curriculum development, academic-year precollege programming, summer health services, year-round legal services, and ongoing evaluation and research.

Rutgers, The State University of New Jersey, Camden

NJ Higher Education Sector: Public Research University

Teacher Development and Performance Institute

Type of Partnership: Professional Development for Teachers

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Camden

Participants Served: 40 teachers and school administrators

CONTACT INFORMATION

Dr. Gloria Bonilla-Santiago, Distinguished Service Professor, Department of Public Administration

Rutgers University-Camden

321 Cooper Street, Camden, NJ 08102

Telephone: 856.225.6348

Fax: 856.225.6500

Email: gloriabs@camden.rutgers.edu

Web Site: <http://www.camden.rutgers.edu/Camden/CFSUCL>

Partners: Rutgers University-Camden, Geraldine Dodge Foundation, South Jersey school districts, Washington Mutual

DESCRIPTION

The focus of the Teacher Development and Performance Institute is to improve performance of schools and achievement of students by strengthening the competencies of teachers. It is delivered through a series of training seminars scheduled over a one year period. The program links professional development to teacher needs and objectives, while modeling best practices. Teams of teachers and administrators from a school attend the program. The program has served 30 school teams from Camden City and surrounding areas. The curriculum addresses the following critical areas: Creating a Culture of Learning; Transforming the School Climate; Transforming Teachers, Principals and Administrators; Transforming the School Community; and Engaging a Philosophy of Life Long Learning.

Marshall-Brennan Fellowship Program

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Camden Law School

Participants Served: 80

CONTACT INFORMATION

Camden, NJ

Partners: Camden County schools, including:, Woodrow Wilson, Camden High, Camden Center for Youth Development, Creative Arts, Urban Promise, and Jerrothia Riggs

DESCRIPTION

The Marshall-Brennan Fellowship Program broadens public understanding of the Constitution and other American legal and political institutions by giving gifted upper level law students the opportunity to teach a course in Camden's high schools. Fellows enhance the education of high school students while learning about law, schools, and the Camden community.

Fellows teach in high schools during the academic year (mostly in the spring semester), designing classes, setting up field trips, visits, and serving as mentors.

Rutgers, The State University of New Jersey, Camden

NJ Higher Education Sector: Public Research University

BizEd: A Leadership Program for High School Students

Type of Partnership: Build Interest in a Specific Discipline - Business

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Camden School of Business

Participants Served: 25

CONTACT INFORMATION

Milton Leontiades, Dean, School of Business at Camden

Rutgers, The State University of New Jersey - School of Business at Camden

227 Penn St, Camden, NJ 08102

Telephone: 856.225.6217

Fax: 856.225.6231

Email: miltonl@camden.rutgers.edu

Web Site: <http://camden-sbc.rutgers.edu>

Partners: Past Participating High Schools: Audubon, Cherry Hill East, Cherry Hill West, Cinnaminson, Collingswood, Delran, Eastern Regional, Gloucester City, Haddon Heights, Haddon Township, Haddonfield Memorial, Highland, Lindenwold, Moorestown, Paulsboro, Sterling, Williamstown, Winslow, Woodbury, Woodrow Wilson

DESCRIPTION

BizEd: A Leadership Program for High School Students, is a program unique to Southern New Jersey, that offers outstanding high school students from Burlington, Camden, and Gloucester counties, an intensive and fun introduction to collegiate business education. It is designed to spark creativity, develop decision-making skills and reinforce the concept that the business world offers exciting and profitable career opportunities.

The two-week summer session introduces area high school students to the theory and practice of accounting, finance, management, marketing, and technology.

Transfer Leadership Program

Type of Partnership: Build Interest in a Specific Discipline - Business

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey - Camden School of Business

Participants Served: 8

CONTACT INFORMATION

Milton Leontiades, Dean, School of Business at Camden

Rutgers, The State University of New Jersey - School of Business at Camden

227 Penn St, Camden, NJ 08102

Telephone: 856.225.6217

Fax: 856.225.6231

Email: miltonl@camden.rutgers.edu

Web Site: <http://camden-sbc.rutgers.edu>

Partners: Burlington County College

DESCRIPTION

The program provides students the opportunity to participate in a class involving a Rutgers Camden professor while still a Burlington County College student. It also provides the opportunity to share in the insights top level executives have on leadership. The student is eligible for a scholarship to Rutgers Camden. Once admitted into the School of Business, students have the opportunity to compete for the "Leadership Program" available to honors students.

Leadership course offered one semester each academic year to 2nd year business majors from Burlington County College with a 3.0 GPA.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Rutgers Upward Bound

Type of Partnership: Precollege Program

Year Began: 1966

Higher Education Partner: Rutgers University

Participants Served: 100

CONTACT INFORMATION

A. Patricia Johnson, Asst. Dean/Director, Upward Bound

Rutgers University

52 Joyce Kilmer Ave., Piscataway, NJ 08854

Telephone: (732) 445-3090 x866

Fax: (732) 445-3519

Email: pajohnson@rci.rutgers.edu

Partners: Schools in New Brunswick, Perth Amboy and Plainfield

DESCRIPTION

The Rutgers Upward Bound (RUB) Program is funded by the U.S. Department of Education. The program is designed to assist and motivate students to succeed and graduate from high school and prepare students to enroll and complete a post-secondary education of their choice. Upward Bound is a year-round project which has two components: a six-week residential summer program, and a Saturday academic year program.

Rutgers Young Scholars Program in Discrete Mathematics

Type of Partnership: Precollege Program

Year Began: 1990

Higher Education Partner: Rutgers University

Participants Served: 30

CONTACT INFORMATION

Joseph G. Rosenstein, Associate Director for Education

Rutgers University

96 Frelinghuysen Road, Piscataway, NJ 08854

Telephone: (732) 445-4065

Fax: (732) 445-5932

Email: toti@dimacs.rutgers.edu

Web Site: <http://dimacs.rutgers.edu/ysp>

DESCRIPTION

This program is designed to encourage talented students to consider careers in the mathematical sciences. Students participate in an intensive four-week academic program that provides a challenging introduction to discrete mathematics; a new area of the mathematical sciences with many applications on the cutting edge of modern research. Students develop and enhance problem-solving abilities by applying mathematical concepts to a wide range of problems. They meet distinguished professionals in the field of discrete mathematics who serve as role models and mentors. Students also have an opportunity to participate in a year-long research project.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Camp \$tart-Up

Type of Partnership: Precollege Program

Year Began: 2003

Higher Education Partner: Rutgers University Business School

Participants Served: 25

CONTACT INFORMATION

Melinda Little, Vice President, Chief Operating Officer, Independent Means, Inc.

Rutgers University Business School

1126 East Haley, #A16, Santa Barbara, CA 93101

Telephone: (518) 891-0197

Fax: (518) 891-6008

Email: mlittle231@aol.com

DESCRIPTION

Camp \$tart Up is a national program for teenage girls interested in developing their entrepreneurial skills. Through an eight-day program including classes, mentoring sessions, field trips, and visits from local businesswomen, the program prepares each student for completing her own business plan for her own corporation.

Rutgers-New Brunswick GEAR UP Partnership

Type of Partnership: Precollege Program

Year Began: 2000

Higher Education Partner: Rutgers University-New Brunswick

Participants Served: 389

CONTACT INFORMATION

Dr. Sandra Tomlinson-Clarke, Associate Professor

Rutgers University-New Brunswick

10 Seminary Place, New Brunswick, NJ 08901

Telephone: (732) 932-7496 x8305

Email: smaria@rci.rutgers.edu

Partners: Lincoln, Livingston, and New Brunswick High Schools

DESCRIPTION

The Rutgers-New Brunswick GEAR UP Partnership is a collaborative initiative between Rutgers Graduate School of Education and the New Brunswick Public School District. Beginning in the year 2000, this five-year grant is designed to provide students and their families with early awareness and knowledge of college opportunities, with an emphasis on academic readiness. The program provides academic preparation and enrichment to students who attend either Lincoln or Livingston Elementary School in New Brunswick beginning in the 5th grade. The program also extends services to students who continue their education at the New Brunswick High School. Tutoring and mentoring services are provided to students through the GEAR UP Tutoring Plus program. Parent workshops provide families with information regarding college and financial resources for college.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

America Reads - New Brunswick Public Schools

Type of Partnership: Tutoring/Academic Support Services

Year Began: 1996

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 160

CONTACT INFORMATION

Michelle Caliendo, Jerry Clifford, Michelle Pierson, Leslie Katz, (WSR Facilitator) (WSR Facilitator/Vice Principal) (Reading Specialist)
Livingston/Lincoln Elementary Schools
New Brunswick, NJ 08901
Telephone: 732.745.5369, 5461

Partners: Rutgers Graduate School of Education, Federal Work Study Program at Rutgers, New Brunswick Public Schools, Rutgers Office of Financial Aid - Vivian Landix

DESCRIPTION

The purpose of the program is to train undergraduate college students to tutor students in literacy and assist struggling readers in the New Brunswick Public Schools. Tutors receive several training sessions and work with the same children throughout the year. The college students are federal work study children who are paid for their work. Rutgers federal work study students provide tutoring in literacy for children in need of help in the New Brunswick Public Schools. This occurs during the academic year.

Ceramic and Materials Engineering I

Type of Partnership: Build Interest in a Specific Discipline - Engineering and Engineering Technology

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 30-40 per year

CONTACT INFORMATION

Stephen C. Danforth, Professor and Chair, Department of Ceramic and Materials Engineering
Rutgers, The State University of NJ
607 Taylor Road, Piscataway, NJ 08854
Telephone: 732.445.2211
Fax: 732.445.1561
Email: danforth@rci.rutgers.edu
Web Site: <http://ceramicmaterials.rutgers.edu/NMSE/intern.php>

DESCRIPTION

In 2003, with a grant from the NJ Commission on Higher Education, the Department of Ceramic and Materials Engineering began an aggressive outreach program to educate and raise student's interest level in science and engineering, especially in nanotechnology. Nanotechnology is a relatively new field with much potential for benefiting society. The overall program includes professional development sessions for teachers and an internship program for students.

The Department of Ceramic and Materials Engineering hosts 12-15 talented high school students for 7-8 weeks to participate in an annual internship program. During this time, students are assigned a project and work directly with School of Engineering faculty and graduate students.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Ceramic and Materials Engineering II

Type of Partnership: Build Interest in a Specific Discipline - Science and Engineering

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 30-40 per year

CONTACT INFORMATION

Stephen C. Danforth, Professor and Chair, Department of Ceramic and Materials Engineering

Rutgers, The State University of NJ

607 Taylor Road, Piscataway, NJ 08854

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Email: danforth@rci.rutgers.edu

Web Site: <http://ceramicmaterials.rutgers.edu/NMSE/nanoday.php>

DESCRIPTION

In 2003, with a grant from the NJ Commission on Higher Education, the Department of Ceramic and Materials Engineering began an aggressive outreach program to educate and raise student's interest level in science and engineering, especially in nanotechnology. Nanotechnology is a relatively new field with much potential for benefiting society. The overall program includes professional development sessions for teachers and an internship program for students.

The Department of Ceramic and Materials Engineering hosts a NanoDay outreach event twice a year: in the fall and in the spring. The event is a professional development opportunity for middle and high school teachers to learn about new advancements in nanotechnology and materials science.

Douglass Outreach

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 1 – 50 participants

CONTACT INFORMATION

Rita F. Gordon, M.Ed., BCBA, Director, Douglass Outreach

Rutgers, The State University of New Jersey

151 Ryders Lane, New Brunswick, NJ 08901

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Fax: 732.932.4469

Email: kdvorak@rci.rutgers.edu

Web Site: <http://gsappweb.rutgers.edu/dddc>

Partners: School Districts (i.e., Board of Education), School

DESCRIPTION

The goal of the Douglass Outreach project is to provide professional development/training/education for administrators/teachers/paraprofessionals/other therapeutic staff in the principles of Applied Behavior Analysis in regard to its application for learners with autism spectrum disorders. Some services include: Consultation to programs; training workshops in educational strategies; onsite visits to provide modeling and immediate feedback; program evaluation; and data monitoring.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Edison Across the Curriculum

Type of Partnership: Curriculum Development

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey

CONTACT INFORMATION

Paul Israel / Theresa M. Collins, Research Professor; Director and Editor, Thomas A. Edison Papers / Associate Research Professor; Associate Director, Thomas A. Edison Papers

Rutgers, The State University of New Jersey

44 Road 3, Piscataway, NJ 08854-8049

Telephone: 732.445.8511

Web Site: <http://edison.rutgers.edu>

Partners: IEEE Foundation, Martinson Family Foundation, Rutgers Math and Science Learning Center, Rutgers Center for Mathematics, Science and Computer Education

DESCRIPTION

The program aims to enhance the educational experience of students, professionals, and the community, and improve understanding of vital concepts in technology and global society by integrating visual and textual knowledge from the Thomas A. Edison Papers into lesson plans, hands-on demonstrations, professional development workshops, and on-line resource guides that (1) support the implementation of standards-based curricula by teachers; (2) build assessable, modifiable resources to meet the curricula needs of all students; and (3) emphasize learning opportunities in K-12 education that are critical to mathematics, scientific and technological literacy.

English/Language Arts Curriculum Reform Project

Type of Partnership: Curriculum Development

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 120

CONTACT INFORMATION

Julie Cheville, Assistant Professor of Literacy Education, Director, National Writing Project at Rutgers University

Rutgers, The State University of New Jersey

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Fax: 732.932.7552

Email: cheville@rci.rutgers.edu

Web Site: <http://www.nwprutgers.org>

Partners: Woodbridge Township Schools, Old Bridge High School (in contract)

DESCRIPTION

Teacher-Consultants who comprise the National Writing Project at Rutgers University have begun the second year of an in-service partnership with middle school English/Language Arts teachers employed in the Woodbridge Township Schools. As an in-service provider to NJ schools, the NWP at Rutgers arranges in-service series and other supplemental services that support the instructional needs of NJ teachers engaged in writing instruction. Our partnership with Woodbridge Township consists of an annual in-service package of full-day workshops that address the integration of reading and writing in the middle school grades.

The National Writing Project at Rutgers University provides a host of instructional services for departments, school, and districts. They include annual in-service workshops, support for curriculum reform, site-based Open Institutes during the summer months, off-campus courses in spring semesters, and other assistance by request.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Impact of School Library on Student Learning

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 10 teacher/librarian teams

CONTACT INFORMATION

Ross Todd, Associate Professor

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New Brunswick, NJ

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Web Site: <http://www.cissl.scils.rutgers.edu>

Partners: Rutgers University, 10 NJ Public schools, Educational Media Association of NJ

DESCRIPTION

The research project has the endorsement and participation of the Educational Media Association of NJ (EMAnj). The primary participants in this project are middle and secondary school students engaged in inquiry projects in 10 schools in New Jersey. Their voices constitute the data of the assessment procedures and instruments. This data represents a multi-dimensional view of learning. School librarians and teachers working with these students are also participants. There are several targeted audiences for the outcomes of this research. These include the school library professional community, as well as teachers, school administrators, and educational leaders engaged in funding decisions and policy-making.

New Jersey Math Science Partnership

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 12 school districts, 3 institutions of higher education, about 80,000 students

CONTACT INFORMATION

William A. Firestone, Professor & Principle Investigator

Rutgers University

New Brunswick, NJ

Partners: Rutgers University, Rowan University, Kean University, Asbury Park, Bound Brook, Bridgeton, Millville New Brunswick, Philipsburg, Roselle, Plainfield, South Bound Brook, Toms River, Union City, Vineland

DESCRIPTION

Our goals are to improve student achievement in math and science in our 12 partner school districts, increase equity in achievement outcomes (reduce achievement gaps), improve the preparation of math and science teachers (in particular math and science education of elementary teachers) in our institutions of higher education, and evaluate and conduct research on the process.

We provide year round assistance in curriculum selection and implementation, professional development for teachers, training of principals and teacher leaders, and coordination of district improvement efforts. We also assist in the improvement of teacher education programs including the math and science courses for future teachers and provide teacher induction programs.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

New Jersey Public Schools - Fluency Oriented Reading Instruction

Type of Partnership: Professional Development for Teachers

Year Began: 1999

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 150 Teachers, 3500 children

CONTACT INFORMATION

Melanie Kuhn and Lesley Morrow, Principal Research Investigation and Co-Principal Investigation

Rutgers Graduate School of Education

10 Seminary Place, New Brunswick, NJ 08901

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Email: lmorro@rci.rutgers.edu

Partners: Melanie Kuhn, Lesley Morrow, Gail Fazio - Linden, Lorraine Aklonis - Rahway, Dr. Marilyn Birnbaum - Superintendent of Schools, North Plainfield

DESCRIPTION

The purpose of the partnership is to train teachers in Fluency Oriented Reading Instruction. This federally funded program is in its 5th year. We have had positive results in the 2nd grade classrooms where the study was implemented with significant gains in scores in the treatment rooms. We are in a scale up mode to see how easily and effectively the project can be implemented in other districts.

Training is provided during the school year to teachers about Fluency Oriented Reading Instruction. Materials are provided for the teachers. Teachers are observed for fidelity to the program. Students are tested to determine how effective the treatment is.

Quality New Jersey/Asbury Park High School Baldrige-Based Alternative Accreditation Program Pilot

Type of Partnership: Other

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: Faculty, administration and students of Asbury Park High School, faculty and administrators from Rutgers, Hunterdon Central High School and senior leadership of Air Cruisers Corporation.

CONTACT INFORMATION

Sherrie Tromp, Associate Director, Center for Organizational Development and Leadership

Rutgers, The State University of New Jersey

New Brunswick, NJ

Telephone: 732.932.1420

Email: tromp@odl.rutgers.edu

Partners: Asbury Park High School and District, Quality New Jersey, Air Cruisers Corporation, Hunterdon Central Regional High School, Rutgers Center for Organizational Development and Leadership

DESCRIPTION

New Jersey is the first state in the nation to adapt the Baldrige criteria as an alternative to State Department of Education certification. Quality New Jersey, Rutgers Air Cruisers Corporation, and Hunterdon Central High School (a past recipient of the Governor's Quality Award) partnered with Asbury Park High School to create a model of improvement for urban districts across the state.

The partnership is designed to assist Asbury Park High school administration, teachers, and staff in institutionalizing a data driven, process-improvement-focused approach to change within the school using the Baldrige organizational excellence criteria. Services provided by the partners include organizational climate assessment, process team facilitation, instruction in data gathering and analysis methods.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Reading First - Lakewood

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 60 teachers/1500 children

CONTACT INFORMATION

Gail White, Director of Language Arts

Lakewood Public Schools

655 Princeton Ave., Lakewood, NJ 08701

Telephone: 732.901.2709

Fax: 732 905 3689

Email: gwhite@piners.org

Web Site: <http://www.lakewoodschools.org>

Partners: Gail White, Lesley Morrow

DESCRIPTION

Under the No Child Left Behind, legislation grants called Reading First are available for schools in need of improvement. New Jersey received a Reading First grant for which districts applied and received funding. Lakewood received funding to improve literacy achievement in grades K through 3. Rutgers University provides teachers professional development opportunities to enhance reading strategies in the classroom. Teachers attend professional development workshops in the summer and during the academic year.

Reading First - Linden Public Schools

Type of Partnership: Curriculum Development

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 65 teachers, 1625 children

CONTACT INFORMATION

Gail Fazio, Reading First Supervisor

Linden School District

Linden, NJ

Telephone: 908.468.2800 X 146

Email: gfazio@linden.k12.nj.us

Partners: Gail Fazio, Lesley Morrow

DESCRIPTION

Under the No Child Left Behind legislation, grants called Reading First are available for schools in need of improvement. New Jersey received a Reading First grant for which districts applied and received funding. Linden received funding to improve literacy achievement in grades K through 3. Rutgers University provides teachers professional development opportunities to enhance reading strategies in the classroom. Teachers attend professional development workshops in the summer and during the academic year.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Reading First-Jackson Public Schools

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 40 Teachers, 900 Children

CONTACT INFORMATION

Adriann Jean-Denis, Reading First Grant Supervisor

Switlik Elementary School

75 W. Veteran's Highway, Jackson, NJ 08527

Telephone: 732.833.4650

Fax: 732 833 4672

Email: aldenis@jackson.k12.nj.us

Web Site: <http://www.jacksonsd.k12.nj.us>

Partners: Adriann Jean-Denis, Lesley Morrow

DESCRIPTION

Under the No Child Left Behind legislation grants called Reading First are available for schools in need of improvement. New Jersey received a Reading First grant for which districts applied and received funding. Jackson Public Schools received funding to improve literacy achievement in grades K through 3. Rutgers University provides teachers professional development opportunities to enhance reading strategies in the classroom. Teachers attend professional development workshops in the summer and during the academic year.

The World Languages Institute (The WLI)

Type of Partnership: Professional Development for Teachers

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 174 students registered in Summer 2004 plus 125 who did not take courses this summer

CONTACT INFORMATION

Marion Yudow, Administrative Director, World Languages Institute

Rutgers University

20 Seminary Place, New Brunswick, , NJ 08901

Telephone: 732.932.7373

Fax: 732.932.1556

Email: yudow@langlab.rutgers.edu

Web Site: <http://languageinstitute.rutgers.edu>

Partners: The Rutgers Office of Continuous Education and Out Reach, The Rutgers University Summer Session, The New Jersey Department of Education, The Rutgers University Departments of French, German, Italian and Spanish and Portuguese

DESCRIPTION

The WLI provides graduate level courses for K-12 world language teachers. It was developed shortly after the World Languages Core Curriculum Content Standards were adopted by the state of New Jersey, which called for a new vision of language learning and teaching and which required the restructuring of teacher education programs to focus more on content-based proficiency-oriented instruction. We offer seven core curriculum courses in methodology, 2nd language acquisition theory, assessment, and technology, plus 14 specific content courses taught in French, German, Italian and Spanish. Participants frequently enter the MAT programs of these aforementioned languages and receive their diploma after three summers.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Engineering Planet

Type of Partnership: Curriculum Development

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Advanced Infrastructure & Transportation

Participants Served: 1473

CONTACT INFORMATION

Dr. Monica Mazurek, Assistant Professor

Rutgers University - Center for Advanced Infrastructure & Transportation/Civil & Environmental Engineering/School of Engineering

623 Bowser Road, Piscataway, NJ 08854

Telephone: 732.445.3673

Fax: 732.445.0577

Email: mmazurek@rci.rutgers.edu

Web Site: <http://www.cait.rutgers.edu>

Partners: School Districts and Schools, Middle School teachers, Statewide

DESCRIPTION

The Center has hired two science teachers from a local middle school to develop several educational modules. It is critical that the education of K-12 students include an understanding of the importance of transportation, energy use and forms of transportation, and how transportation is connected to many forms of environmental pollution; such as air quality, airborne particulate matter and ozone, and surface runoff containing road dust that ends up in surface waters and coastal and estuarine sediments. The goal of this program is to inform and educate K-12 students about Transportation Infrastructure, Civil and Environmental Engineering, and what professionals in these areas do.

Each lesson is related to the New Jersey state/national science and educational standards. Teachers are able to access the website and pull up any of the available lesson plans, knowing that each lesson will target many areas of the curriculum that they need to cover.

Garrett Morgan Transportation and Technology Academy

Type of Partnership: Build Interest in a Specific Discipline - Transportation

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Advanced Infrastructure & Transportation

Participants Served: 120+

CONTACT INFORMATION

Dr. Claudia Knezek, Program Development Coordinator

Rutgers University - Center for Advanced Infrastructure & Transportation

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Web Site: <http://www.cait.rutgers.edu>

Partners: Garrett Morgan Transportation and Technology Academy, City of Paterson Board of Education

DESCRIPTION

The Garrett Morgan Transportation and Technology Academy is an innovative high school for over 100 students interested in building careers in transportation. The Academy operates in partnership with the Paterson Public Schools and provides instruction in core curriculum subjects, as well as transportation-related areas. The students are required to attend Transportation and Society, Engineering, and Planning courses, in addition to their normal academic subjects. This school was formed to educate future engineers and workers in the transportation field, as well as to improve the safety and effectiveness of the workforce.

The academy also facilitates a series of activities that provide these high school students with experience in technical applications. Including, working with transportation planning models, to networking with state officials, and visiting engineering laboratories. One example, the Sim City project simulates the creation and management of all components of a city.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Rutgers Leap Academy Pre-Engineering Curriculum

Type of Partnership: Build Interest in a Specific Discipline - Science

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Advanced Infrastructure & Transportation / Civil and Environmental Engineering/ School of Engineering

CONTACT INFORMATION

Dr. Monica Mazurek, Assistant Professor

Center for Advanced Infrastructure & Transportation / Civil and Environmental Engineering/ School of Engineering / Rutgers University

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Web Site: <http://www.cait.rutgers.edu>

Partners: School Districts and Schools, Middle School teachers

DESCRIPTION

In order for students to understand the depth of math and science concepts, there are other activities taking place to ensure quality education in unopened areas for students. In a "Leap Academy" program, Dr. Mazurek partnered with the Rutgers Charter School in Camden, New Jersey, that holds grades K-12. In this partnership with teachers, parents and students, the goal is to make these students college ready. The connection with urban learners is an important bond that enables the students to further their education. Working with an 8th grade teacher, Dr. Mazurek created a lesson plan dealing with engineering information technology. Dr. Mazurek has been able to participate in some of the student activities to help them recognize their scientific talent by judging a science fair, and going over their presentations from the lesson plans created.

Highland Park Community Teen Center (A School Based Youth Services Program)

Type of Partnership: Non-Academic Support Services

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Applied Psychology

Participants Served: 140

CONTACT INFORMATION

Leslie Hodes, Ed.D., Program Director

Highland Park Community Teen Center

102 North 5th Avenue, Highland Park, NJ 08904

Telephone: 732.572.2400, x.3020

Fax: 732.572.3967

Email: lhodes@highlandpark.k12.nj.us

Web Site: <http://www.highlandpark.k12.nj.us/users/ctc/mainframe.htm>

Partners: Rutgers University Center for Applied Psychology, Highland Park Public Schools

DESCRIPTION

The goal of the partnership is to provide high caliber youth services to residents of Highland Park between the ages of 12 and 19. Many youth do not receive crucial health related services due to lack of availability and financial means. This program makes those services readily available in a format and setting that the students are comfortable with. Rutgers University provides state of the art mental health services within this program. The graduate students who provide most of the direct services (under the supervision of the clinical coordinator) are receiving training from the highly respected faculty of the Graduate School of Applied and Professional Psychology.

Rutgers' preventative health groups provide individual and family counseling, teacher consultation on mental health and behavioral issues, and diversity-awareness programs. Through this grant and the assistance of Rutgers University staff, Highland Park Public School employees provide sexual health counseling, including pregnancy prevention, substance abuse prevention, and recreational programs for the community.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Buck Institute for Education (BIE)

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Effective School Practices

Participants Served: 150-200 per year

CONTACT INFORMATION

Claudia Burzichelli, Executive Director

Rutgers, The State University of New Jersey

80 Cottontail Lane, Suite 410, Somerset, NJ 08873

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Web Site: <http://cesp.rutgers.edu>

Partners: Buck Institute for Education (BIE)

DESCRIPTION

BIE has developed a specific PBL model which draws on the experiences of teachers who successfully use PBL in their classrooms, recent research on student learning, and instructional models that incorporate authentic assessments, community-based education, service-learning, internships, or career academy curriculum. Project Based Learning is successful when careful attention is given to developing an engaging, student-focused culture in the classroom. The research on PBL clearly demonstrates marked improvement in retention of what is learned in a PBL program and even suggests the ability to learn more as reflected on standardized tests of academic achievement.

CESP professionals who have been trained by BIE staff provide instructional seminars to teachers throughout the academic year and summer via workshops offered at various locations throughout the state. In addition, CESP staff have conducted in-service trainings both in-state and in other states as well.

Coalition of Essential Schools

Type of Partnership: Professional Development for Teachers

Year Began: 1994

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Effective School Practices

Participants Served: 37 New Jersey Schools

CONTACT INFORMATION

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Partners: 37 schools statewide, ranging K-12

DESCRIPTION

The goal of the Coalition of Essential Schools - New Jersey (CES-NJ) is to advance high achievement and deep understanding for all students through supporting schools' efforts to put the Common Principles of the Coalition of Essential Schools into practice. Each school chooses its own programs suited to its particular students, faculty, and community. CES-NJ staff can provide professional development in a variety of specific areas, including Classroom Practice, School Climate, Organizational Design, Leadership, and Community Connections.

Coaching, CES-NJ membership, and a broad range of targeted assistance are among the year-round programs and services we offer to help schools enhance teaching and learning, refashion organizational design, and develop meaningful community connections so that students are known, nurtured, and challenged in their schools.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

National School Reform Faculty - Critical Friends Group

Type of Partnership: Professional Development for Teachers

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Effective School Practices

Participants Served: 250-350 per year

CONTACT INFORMATION

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Fax: 732-564-9099

Email: cdowling@rci.rutgers.edu

Web Site: <http://cesp.rutgers.edu>

Partners: National School Reform Faculty - Critical Friends Groups

DESCRIPTION

Critical Friends Groups (CFGs) are professional learning communities where educators reflect on, analyze, and give and receive feedback on teaching practices using a variety of protocols to examine student work for the purposes of improving student performance. Led by a trained CFG coach, CFGs meet on a regular basis in schools and function as a powerful vehicle for ongoing professional development and continuous school improvement. Through CFG training, educators acquire an experiential understanding of CFG practices and processes, and can then lead CFGs in their own schools.

CFG training takes place in intensive multi-day workshops. We can provide ongoing coaching subsequent to the training to assist CFG facilitators in implementing CFGs in their schools. Each CES-NJ coach is a trained CFG facilitator and CES protocols are used extensively in CFG work.

Public Education Institute (PEI)

Type of Partnership: Other

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Effective School Practices

Participants Served: approximately 750-1000 per year

CONTACT INFORMATION

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Rutgers, The State University of New Jersey

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Partners: Public Institute of Education (PEI), Representatives of Business and Labor, Other individuals and groups interested in improving public schools, Staff from the NJ Department of Education

DESCRIPTION

The Public Education Institute (PEI) joined CESP in 2003. The PEI Roundtables provide balanced, timely, and research-based information; they raise important policy issues, allow for expression of varying viewpoints, and provide a meaningful foundation for analyzing and building support for educational reforms; CESP provides facilitated afternoon sessions to discuss how to implement ideas raised during the morning's presentation and panel discussion. In addition, Roundtable highlights and overheads will soon be available on the CESP website.

Roundtables, seminars, and local forums; Study circles

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

MetroMath

Type of Partnership: Curriculum Development

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Math, Science & Computer Education (CMSCE)

CONTACT INFORMATION

Joseph Rosenstein, Principle Investigator
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Web Site: <http://www.metromath.org>

Partners: University of Pennsylvania, City University of NY, Newark Public School District, Plainfield Public School District, NY City Public School System, Philadelphia School District

DESCRIPTION

Rutgers, The State University of New Jersey, is the lead recipient of up to \$10 million from the National Science Foundation (NSF) to conduct a five-year project focused on improving mathematics education in urban schools from kindergarten through 12th grade. Rutgers' partners in the project are The City University of New York/Graduate Center and the University of Pennsylvania, as well as the school districts of New York City, Newark and Plainfield, N.J., and Philadelphia. MetroMath: The Center for Mathematics in American Cities is a diverse partnership of specialists in mathematics, mathematics education, cognitive science, psychology, educational policy, and urban studies. The MetroMath Center will identify the critical strategies that will help urban students succeed in mathematics, and how those strategies should be implemented. The Center will develop leaders who will work to implement those strategies, and will leverage existing resources in urban communities to help children learn. The MetroMath Center will develop a research-based framework for successful mathematics education in America's cities.

MetroMath will offer two-year seminars and mentored internships for 50 graduate students and 100 working teachers, each of whom will earn a special certificate. These multi-disciplinary seminars will provide participants with a variety of perspectives and tools, and prepare them to assume major leadership positions in improving mathematics education in the cities. To prepare them for these graduate-level seminars, the Center will offer professional development programs to more than 300 teachers in New Jersey, New York City, and Philadelphia. The institutes aim at developing teachers' knowledge of mathematics and their understanding of how it is learned and how it may best be taught.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

GK-12 Fellows: Building a Learning Community in Science and Mathematics Through Educational Partnerships

Type of Partnership: Curriculum Development

Year Began: 1999

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Mathematics, Science and Computer Education

Participants Served: 32 participants directly: 8 graduate students, 4 undergraduate students and 20 middle school teachers (middle school students meet with teachers, graduate and undergraduate students on a weekly basis)

CONTACT INFORMATION

Dr. Kathleen Scott, Professor

Rutgers University Math and Science Learning Center

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Partners: Edison Township School District, John Adams Middle School, Woodrow Wilson Middle School, Metuchen School District, Edgar Middle School, Old Bridge Township School District, Jonas Salk Middle School, Plainfield School District, Hubbard Middle School, South Plainfield School District, South Plainfield Middle School, South Brunswick Township School District, Crossroads Middle School South

DESCRIPTION

This Program establishes and supports dynamic learning environments among the university and local school districts. Rutgers University graduate and advanced undergraduate students in science, technology, engineering, or mathematics (STEM) partner with middle school teachers, their students, and administrators from selected NJ school districts. Together they enhance their school curricula with innovative, hands-on science and mathematics activities in areas that are targeted by the schools. Rutgers students and teachers begin to work together during a two-week Summer Institute. Partnerships are strengthened during the academic year, when students introduce contemporary science and mathematics to existing middle school programs.

This is a year long project that begins with a two week summer Institute when Rutgers graduate and undergraduate science, mathematics or engineering students meet with middle school science and mathematics teachers. During the academic year, Rutgers students work with students in the classrooms of their partner teachers, enhancing existing programs.

New Literacies for a New Millennium

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Center for Media Studies

Participants Served: approx. 50 students, 4 faculty at GBCS

CONTACT INFORMATION

Dr. Robert Kubey, Director

Rutgers University, Center for Media Studies

4 Huntington Street, New Brunswick, NJ 08901

Telephone: 732.932.8164

Email: kubey@scils.rutgers.edu

Web Site: <http://www.mediastudies.rutgers.edu/>

Partners: Center of Media Studies at Rutgers, Greater Brunswick Charter School, 429 Joyce Kilmer Ave., New Brunswick, NJ 08901, Richard A. Pressler, Exec. Director

DESCRIPTION

This project has three main goals. First, that Greater Brunswick Charter School students become more critical thinkers, more interactive learners, more effective users of mass media and the Internet, more discriminating consumers, more responsible citizens, and producers of media messages in their own right. Second, that in developing and teaching the curriculum, the Center will be able to assess which strategies and activities are most effective in teaching students to be literate in the traditional and new media. Third, that in building upon what is learned through developing, teaching and assessing new literacy curriculum, a comprehensive program can be made available to other schools and school districts in New Jersey and beyond. Some services offered include media literacy classes for grades 5/6 and 7/8 - one hour each class once a week; professional development and teacher training sessions for faculty members at Greater Brunswick Charter School; and materials for media literacy curriculum.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

AP English Teachers Colloquium Series

Type of Partnership: Curriculum Development

Year Began: 1999

Higher Education Partner: Rutgers, The State University of New Jersey - Department of English

Participants Served: approx. 50 per session

CONTACT INFORMATION

Richard Dienst, Associate Professor of English

Rutgers University, New Brunswick

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Web Site: <http://english.rutgers.edu/>

Partners: AP English teachers statewide

DESCRIPTION

The Rutgers English Department organizes colloquia for AP English high school teachers across the state. Each colloquium features presentations from Rutgers English Faculty and focuses on a specific scholarly topic. Past events, for example, addressed topics such as "Early Modern Literature and Culture" and "Native American Literature." We hope to provide opportunities for sharing research and pedagogical strategies. Participants receive credit for 3 professional development hours. The colloquia are offered one or two times a year, led by 2 to 3 faculty members.

Thinking Across Perspectives

Type of Partnership: Professional Development for Teachers

Year Began: 1999

Higher Education Partner: Rutgers, The State University of New Jersey - Dept. of Educational Psychology, Graduate School of Education

Participants Served: expect to be working with 6-10 middle school science teachers this year, and possibly some elementary and high school teachers as well

CONTACT INFORMATION

Clark A. Chinn, Associate Professor

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Web Site: <http://rci.rutgers.edu/~cchinn/TAPhome.html>

Partners: National Science Foundation, Franklin Township Schools, Edison Schools (Herbert Hoover Middle School), Westfield Schools (planning to participate in future projects), South Plainfield Schools (planning to participate in future projects)

DESCRIPTION

The goal of the project is to work with teachers to develop instruction that promotes inquiry and critical thinking among students. During the academic year, a project team from the university meets with teachers to provide instructional materials for classroom use.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Douglass Project for Rutgers Women in Math, Science, Engineering and Technology

Type of Partnership: Precollege Program

Year Began: 1986

Higher Education Partner: Rutgers, The State University of New Jersey - Douglass College

Participants Served: 307

CONTACT INFORMATION

Kim Ann Zajack, Director, Pre-college programs

Douglass College, Rutgers the State University

50 Bishop St, New Brunswick, NJ 08901

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Web Site: http://www-rci.rutgers.edu/~dougproj/dp_precollege_programs.html

Partners: school districts, corporations, foundations, Douglass College Alumnae, state government agencies, Non-traditional Career Center, Rutgers University, Rutgers University academic departments

DESCRIPTION

The Douglass Project for Rutgers Women in Math, Science, Engineering and Technology, through the pre-college program series, is dedicated to supporting students at the secondary level who show an interest in these disciplines. The Project is dedicated to offering pre-college women the opportunity to explore scientific research in a collegiate setting, involving them in hands-on math and science-related activities, helping them establish peer networks, and exposing them to female role models. The pre-college program series provides the support to young females to achieve their goals, while fostering their own personal growth and development through leadership activities.

The Douglass Science Institute (DSI) for young women entering grades 9 through 12 is a four-week summer residential exploratory program for students interested in mathematics, science, engineering and/or technology. Each grade level attends one week each summer for all four years of high school. Entry into the program is made by application during the spring of the 8th grade.

The Douglass Science Weekend Academy, held on 3 Saturdays in the fall is a program for selected 9th and 10th grade women. The program is designed to provide young women with an opportunity to participate in hands-on labs and workshops relating to the physical and life sciences, engineering, and mathematics.

The Douglass Science Career Exploration Day is an event for NJ high school women in grades 11 and 12 and their parents or guardians. Professional women from a diversity of backgrounds and disciplines, present panel discussions to create an awareness of the multitude of career paths that are available today. Educational backgrounds, career history, current research projects and networking techniques are discussed.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Merck Institute for Science Education

Type of Partnership: Tutoring/Academic Support Services

Year Began: 1994

Higher Education Partner: Rutgers, The State University of New Jersey - Douglass College

Participants Served: 748

CONTACT INFORMATION

Jacqueline D. Heads, Director for Undergraduate Program - Douglass Project for Women in Math, Science, & Engineering

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Partners: Merck Institute for Science Education, Douglass College, Associate Alumnae of Douglass College, Rutgers University Academic Departments (Math & Science), New Brunswick School District

DESCRIPTION

The Outreach Program is a community service project that fosters involvement in math and science education, and provides positive role models to children in elementary and middle schools. Undergraduate volunteers lead hands-on science activities in public school classrooms, chaperone field trips, and assist with science fairs. Through classroom activities, undergraduate volunteers work with children to investigate the practical applications of math and science in today's society. In addition, the children are able to talk with women who are successfully pursuing college majors in math, science, and engineering. Through these interactions, undergraduate students develop facilitation, communication, and problem-solving skills and introduce children to the exciting worlds of math and science. All activities are based on New Jersey Core Curriculum Content Standards.

The Newark Student Voices Project

Type of Partnership: Curriculum Development

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Eagleton Institute of Politics

Participants Served: 1080 students per year

CONTACT INFORMATION

Susan Sherr, Assistant Research Professor

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Web Site: <http://www.student-voices.org/newark>

Partners: Newark Public Schools, Annenberg Public Policy Center, Chad Science Academy, Eagleton Institute, Rutgers

DESCRIPTION

The goal of Newark Student Voices Project is to implement a civic education curriculum in all of Newark's public high schools. A full-time project coordinator works with Newark teachers to engage students in the political process and help them to make their voices heard in the community. Teachers are trained each year in how to use the curriculum effectively in the classroom. Services offered during the academic year include professional development, classroom visits to help students use the project web site, Sponsorship of district-wide civics fair and facilitation of classroom visits by public officials and activists

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

French CASE Course

Type of Partnership: Tutoring/Academic Support Services

Year Began: 1993

Higher Education Partner: Rutgers, The State University of New Jersey - French Department

Participants Served: approx 65 students

CONTACT INFORMATION

Professor Mary Shaw, Professor

Rutgers University, French Department

141 George Street, New Brunswick, NJ

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Fax: 732.932.3749

Partners: Rutgers University (NB) French Department, Lord Stirling Elementary School, New Brunswick

DESCRIPTION

Developed through the University-wide Citizenship and Service Education program, the French Department's outreach courses combine study of various themes in French and Francophone literature and culture with service by involving undergraduates in teaching French language and culture to children attending Lord Stirling Elementary School. Each fall one Professor supervises 10 to 15 undergraduates who teach 40 to 60 children in class at Lord Stirling twice a week. Every spring the program shifts to a volunteer basis and instruction occurs in the after school program.

French Resource Center

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - French Department

Participants Served: 500

CONTACT INFORMATION

Christelle Palpacuer, Director, French Resource Center

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Web Site: <http://www.frenchrc.rutgers.edu>

Partners: French Embassy, Rutgers University French Department, Rutgers University Language Institute, New Jersey Department of Education, Individual school districts and teachers

DESCRIPTION

The Center aims to support and improve the teaching of French in New Jersey at the P-12 level and at Rutgers University. The Center develops French-related cultural and linguistic programs for the benefit of the educational, corporate, and cultural communities of the State of New Jersey. A staunch advocate of linguistic diversity, the Resource Center also aims at bringing French language and culture into the lives and classes of the children in the least privileged districts of New Jersey. The center ensures that French culture is available and accessible to all classes and groups of people in New Jersey.

- Workshops and pedagogical development for P-12 teachers;
 - distribution of teaching resources and materials (on-line and hard copy);
 - testing services for schools and individuals; on-line pedagogical support via informational website;
 - school visitations and consultations with teachers and principals;
 - presentations on French culture;
 - development of exchange programs.
- During the academic year primarily.
-

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

School Psychology Practicum

Type of Partnership: Pre-Service Clinical Placements

Year Began: 1992

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

CONTACT INFORMATION

Karen L. Haboush Psy.D, Visiting Assistant Professor, GSAPP Rutgers University

Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

New Brunswick, NJ

Telephone: 732.249.2777

Partners: Princeton, South Brunswick, NJ, Somerville, NJ, GSAPP, RU

DESCRIPTION

The Graduate School of Applied and Professional Psychology has partnerships with three NJ School districts who have agreed to provide supervised training experiences for doctoral level school psychology students. District school psychologists, who are employed by the local board of education, supervise students within the district on a weekly basis. Students provide a range of psychological services in areas of counseling, testing, and teacher consultation. Services are provided during the academic year and additional training experiences are offered by Rutgers University during the summer. District school psychologists are eligible to receive continued education through Rutgers University in exchange for agreeing to supervise graduate students.

School Psychology Practicum Placement - New Brunswick

Type of Partnership: Pre-Service Clinical Placements

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

Participants Served: 3

CONTACT INFORMATION

Carole Salvador, Psy.D, Consulting Psychologist

New Brunswick Board of Education

Livingston Avenue, New Brunswick, NJ

Partners: school district, schools, School psychology program at Graduate School of Applied and Professional Psychology

DESCRIPTION

The purpose of the partnership is to train school psychologists to become competent members of a public school and to provide the school district with university resources. The district provides a real time experience for the systematic, integrative training of school psychologists. The university provides the knowledge and experience of the faculty to educate the professionals with state of the art practices. Both parties obtain mutual respect for their roles and responsibilities and the students at the school district and the university benefit from this partnership.

Graduate students provide assessment, intervention, consultative, and programmatic activities to the administrators, faculty, and students in the school district. Faculty provide in-service workshops to the professional staff and consultation to administrators. These services are provided throughout the academic calendar of the school district.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

School Psychology Practicum Placement - Piscataway

Type of Partnership: Pre-Service Clinical Placements

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

Participants Served: 6

CONTACT INFORMATION

Dermott McGee, Director of Special Services

Piscataway Board of Education

Stelton Road, Piscataway, NJ

Partners: school district, schools, School psychology program at Graduate School of Applied and Professional Psychology

DESCRIPTION

The purpose of the partnership is to train school psychologists to become competent members of a public school and to provide the school district with university resources. The district provides a real time experience for the systematic, integrative training of school psychologists. The university provides the knowledge and experience of the faculty to educate the professionals with state of the art practices. Both parties obtain mutual respect for their roles and responsibilities and the students at the school district and the university benefit from this partnership.

Graduate students provide assessment, intervention, consultative, and programmatic activities to the administrators, faculty, and students in the school district. Faculty provide in-service workshops to the professional staff and consultation to administrators. These services are provided throughout the academic calendar of the school district.

School Psychology Practicum Placement - Somerville

Type of Partnership: Pre-Service Clinical Placements

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

Participants Served: 4

CONTACT INFORMATION

Marie O'Leary, Superintendent of Schools

Somerville Board of Education

Gaston Road, Somerville, NJ

Partners: school district, schools, School psychology program at Graduate School of Applied and Professional Psychology

DESCRIPTION

The purpose of the partnership is to train school psychologists to become competent members of a public school and to provide the school district with university resources. The district provides a real time experience for the systematic, integrative training of school psychologists. The university provides the knowledge and experience of the faculty to educate the professionals with state of the art practices. Both parties obtain mutual respect for their roles and responsibilities and the students at the school district and the university benefit from this partnership.

Graduate students provide assessment, intervention, consultative, and programmatic activities to the administrators, faculty, and students in the school district. Faculty provide in-service workshops to the professional staff and consultation to administrators. These services are provided throughout the academic calendar of the school district.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

School Psychology Practicum Placement - South Brunswick

Type of Partnership: Non-Academic Support Services

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology

Participants Served: 4

CONTACT INFORMATION

George Scott, Director of Special Services

South Brunswick Board of Education

Rte 1 Road, South Brunswick, NJ

Partners: South Brunswick school district, schools, School psychology program at Graduate School of Applied and Professional Psychology

DESCRIPTION

The purpose of the partnership is to train school psychologists to become competent members of a public school and to provide the school district with university resources. The district provides a real time experience for the systematic, integrative training of school psychologists. The university provides the knowledge and experience of the faculty to educate the professionals with state of the art practices. Both parties obtain mutual respect for their roles and responsibilities and the students at the school district and the university benefit from this partnership.

Graduate students provide assessment, intervention, consultative, and programmatic activities to the administrators, faculty, and students in the school district. Faculty provide in-service workshops to the professional staff and consultation to administrators. These services are provided throughout the academic calendar of the school district.

School Psychology Practicum Placement - Princeton

Type of Partnership: Non-Academic Support Services

Year Began: 2004

Higher Education Partner: Rutgers, The State University of New Jersey - Graduate School of Applied and Professional Psychology,

Participants Served: 4

CONTACT INFORMATION

Agnes Goldiing, Psy.D., School Psychologist

Princeton Board of Education

Nassau Street, Princeton, NJ

Partners: school district, schools, School psychology program at Graduate School of Applied and Professional Psychology

DESCRIPTION

The purpose of the partnership is to train school psychologists to become competent members of a public school and to provide the school district with university resources. The district provides a real time experience for the systematic, integrative training of school psychologists. The university provides the knowledge and experience of the faculty to educate the professionals with state of the art practices. Both parties obtain mutual respect for their roles and responsibilities and the students at the school district and the university benefit from this partnership.

Graduate students provide assessment, intervention, consultative, and programmatic activities to the administrators, faculty, and students in the school district. Faculty provide in-service workshops to the professional staff and consultation to administrators. These services are provided throughout the academic calendar of the school district.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Rutgers/Somerset Counseling Project

Type of Partnership: Non-Academic Support Services

Year Began: 1994

Higher Education Partner: Rutgers, The State University of New Jersey - GSAPP

Participants Served: 30

CONTACT INFORMATION

Nancy Boyd-Franklin, Ph.D., Professor

GSAPP, Rutgers Univ.

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Partners: GSAPP, Rutgers University, Sampson G. Smith Intermediate School

DESCRIPTION

The goal of this partnership is to provide school and home-based individual and family therapy to students who are at risk of school failure and behavior problems, in order to promote academic achievement and personal development. The university works with school personnel and community agencies to provide counseling, tutoring, mentoring, parent training, and family therapy.

Mid Atlantic Center for Ocean Science Education Excellence (MACOSEE)

Type of Partnership: Other

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey – IMCS, Jacques Cousteau National Estuarine Research Reserve

Participants Served: 8 institutions

CONTACT INFORMATION

Michael De Luca, Senior Associate Director

Institute of Marine & Coastal Sciences

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Web Site: <http://www.macossee.net>

Partners: New York Aquarium, Stevens Institute of Technology – CIESE, Rutgers University – IMCS, University of Maryland – Horn Point Laboratory, Virginia Institute of Marine Science, Word Craft

DESCRIPTION

The National Science Foundation (NSF) has established the Mid-Atlantic Center for Ocean Science Education Excellence (COSEE) to promote awareness and understanding of ocean sciences by integrating research and education programs and resources to encourage lifelong learning experiences for a broad audience including K-12 teachers, students (K-16), coastal managers, families, and diverse populations, especially underrepresented groups in the marine sciences. Lifelong learning is promoted using existing resources of the Mid Atlantic COSEE partners, featuring the coastal observing systems developed in New Jersey, Maryland, and Virginia. Programs and resources are delivered in a variety of ways including face-to-face programs and training, internships, and technology-based methods such as distance learning and the worldwide web.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

New Jersey Center for Character Education

Type of Partnership: Curriculum Development

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Located in Graduate School for Applied and Professional Psychology, Center for Applied Psychology

Participants Served: Ten public school districts and a network of 1,400 educators

CONTACT INFORMATION

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Partners: RU Department of Psychology (Dr. Maurice Elias), Character Education Partnership (national, non-profit), Center for Civic and Law-Related Education (RU), Collaborative for Academic, Social and Emotional Learning (national, non-profit), Princeton Center for Leadership Training (national, non-profit), The College of New Jersey, School of Education, Center for Effective School Practices (RU), Network for Family Life Education, Center for Applied Psychology (RU), The Center for Media Studies (RU), Farleigh Dickinson University, Cape May County Special Svs. School District, Cherry Hill Public Schools, Highland Park Schools, Hunterdon Central Regional High School, Jersey City Public Schools, Monroe Township Public Schools, Paterson Public Schools, Plainfield Public Schools, Westwood Regional School District, Woodbridge Township School District

DESCRIPTION

The New Jersey Center for Character Education (NJCCE) has been established by the New Jersey Department of Education through a grant from the US Department of Education to provide guidance, leadership and support for public and nonpublic educators developing and implementing character education programs. The Center provides statewide and regional conferences annually, facilitates the work of ten demonstration project school districts, and supports an information dissemination and collegial response forum, the New Jersey Character Education Network. The Center also provides technical assistance regarding program design and evaluation to school districts in association with the state's Character Education Partnership program of state aid for all school districts.

The NJCCE assists public and non-public school districts in integrating core ethical values, such as respect, responsibility and civic involvement into curriculum and school life by providing high quality conferencing, networking, professional development opportunities and electronic communications. The NJCCE also provides technical assistance regarding program development, implementation and evaluation of character education and social/emotional learning programs.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

New Jersey Governor's School of Engineering and Technology

Type of Partnership: Precollege Program

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - School of Engineering

Participants Served: 100

CONTACT INFORMATION

Donald M. Brown, Associate Dean/Director

Rutgers University - School of Engineering

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Partners: NJ State Board of Education

DESCRIPTION

The Governor's School of Engineering and Technology presents a summer enrichment program that nurtures the talents of academically gifted students, as related specifically to the fields of engineering, technology, and information technology. In addition to general knowledge regarding the various engineering disciplines, participants gain an awareness of not only the professional and personal impact that engineering and technology have on their lives but also the developing opportunities in the world of research. Scholars leave the program with a genuine understanding of the importance of teamwork in a professional setting, including both individual styles of interaction well as group dynamics.

During this four-week residential summer program, participants study a rigorous and ambitious curriculum, including classes, tours, and guest lecturers. Scholars are assigned to work on collaborative research projects in various engineering disciplines. Concluding the program, each of these groups formally present their research to peers, family, and distinguished guests.

Program for Acceleration in Careers in Engineering (PACE)

Type of Partnership: Build Interest in a Specific Discipline - Engineering and Engineering Technology

Year Began: 1982

Higher Education Partner: Rutgers, The State University of New Jersey - School of Engineering

Participants Served: 50

CONTACT INFORMATION

Donald M. Brown, Associate Dean

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Web Site: <http://www.paceydc-cj.org/index.html>

Partners: Statewide NJ Public & Private Schools, Engineering students from Rutgers University School of Engineering, Lucent Technologies

DESCRIPTION

PACE (Program for Acceleration in Careers in Engineering) is an innovative science and engineering awareness program for African American high school students. The goal of PACE is to help prepare students for technical careers. Emphasis is placed on mathematics instruction, engineering orientation, college preparatory skills, and cultural awareness. PACE YDC-CJ is in session from 9 am - 1 pm each Saturday morning during the school year at the campus of Rutgers University, located in Piscataway, NJ.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Rutgers University Junior Science Symposium (Junior Science and Humanities Symposium, Northern NJ Region)

Type of Partnership: Build Interest in a Specific Discipline - Science, Engineering, and Mathematics

Year Began: 1992

Higher Education Partner: Rutgers, The State University of New Jersey - School of Engineering

Participants Served: 100

CONTACT INFORMATION

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Web Site: <http://jsrhs.org>

Partners: Academy of Applied Science, United States Departments of the Army, Navy, and Air Force

DESCRIPTION

The primary aims of the Junior Science and Humanities Symposium are to promote research and experimentation in the sciences, engineering, and mathematics at the high school level, and to recognize publicly students for outstanding achievement. Each symposium provides a forum for high school students to present the results of their research in various areas, including Behavioral Science, Engineering, Mathematics and Computer Science, and Biological Sciences. Students who participate in the symposia have the opportunity to meet and exchange ideas, interact with practicing researchers, and explore future academic and career opportunities. The regional symposium is a two-day event in early March. Paper and poster presentations are judged throughout the second day, which concludes with a banquet and award ceremony. The winner of the paper presentations is invited to compete for scholarships at the National Junior Science and Humanities Symposium.

The Academy at Rutgers for Girls in Engineering & Technology (TARGET)

Type of Partnership: Precollege Program

Year Began: 1997

Higher Education Partner: Rutgers, The State University of New Jersey - School of Engineering

Participants Served: 45

CONTACT INFORMATION

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Web Site: <http://coewww.rutgers.edu/osp/target/target.html>

Partners: Statewide NJ Public & Private Schools, Rutgers University Chapter of the Society of Women Engineers, Lucent Technologies, NJ Space Grant Consortium, Engineering Information Foundation

DESCRIPTION

The Academy at Rutgers for Girls in Engineering and Technology is specifically designed to familiarize girls with the various types of engineering disciplines and to instill a feeling of mathematical and scientific accomplishment within the participants. TARGET runs in two two-week sessions with 25 7th and 8th grade girls in the first session and 20 9th and 10th grade girls in the second session. TARGET program curricula and schedule consists of 9 days packed with exciting projects and interesting labs. TARGET runs in the summer throughout July. A Saturday academy runs throughout the academic year on a once-a-month basis.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

The Engineering Experience for Minorities

Type of Partnership: Precollege Program

Year Began: 1980

Higher Education Partner: Rutgers, The State University of New Jersey - School of Engineering

Participants Served: 16-24

CONTACT INFORMATION

Donald Brown, Associate Dean

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Partners: Newark School District

DESCRIPTION

By attending TEEM, students will be exposed to the various disciplines available in engineering, along with the demand faced in these exciting fields. Through full and challenging weekly schedules and working in small groups, students will experience the synergistic benefits of teamwork. Finally, the research model of TEEM will prepare students to consider an undergraduate engineering education and even graduate school as an additional option. The program also helps develop problem solving, communication, and leadership skills. The program runs during the summer for a period of two weeks.

George J. Pallrand/Rutgers Research Showcase

Type of Partnership: Professional Development for Teachers

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Waksman Institute

Participants Served: up to 75 high school science teachers are invited to each seminar; seminars are offered twice during the academic year

CONTACT INFORMATION

Dr. William H. Sofer, Professor

Waksman Institute

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Web Site: <http://morgan.rutgers.edu>

Partners: Participant teachers and school administrators represent a variety of public and private schools from around the state of New Jersey.

DESCRIPTION

The faculty at the Graduate School of Education and members of the Waksman Institute have partnered to provide a colloquium series for high school educators to bring the scientific research community and the schools together. Rutgers faculty present their current research to teachers and supervisors, while highlighting the nature of the scientific enterprise. A teacher-led discussion relating the topic to high school programs follows. In this way, science educators begin to identify their efforts with those of the scientific community.

High school science teachers and supervisors are invited to attend the colloquia at no cost. Currently two evening discussions followed by dinner are hosted during the academic year. Past seminars have been given by Rutgers faculty, researchers and scientists from our corporate sponsor, GE Healthcare (formerly Amersham Biosciences). This is followed by a presentation from a high school teacher, who suggests ways to integrate aspects of the topic into existing programs.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

The Waksman Challenge

Type of Partnership: Other

Year Began: 1996

Higher Education Partner: Rutgers, The State University of New Jersey - Waksman Institute

Participants Served: World wide, any high school level student with Internet access can participate in the Waksman Challenge

CONTACT INFORMATION

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Partners: Many high schools from around the nation and students from around the world have participated. Our Corporate Sponsor is GE Healthcare (formally Amersham Biosciences).

DESCRIPTION

Waksman Challenges are sets of bioinformatics research problems that are offered over the Internet (<http://morgan.rutgers.edu>). High school students use web based resources including computational tools and genomic databases to answer Challenge questions. Three or four Challenges are posted each year. Over 2,000 high school students from around the world have participated since Challenges were first posted in November 1996. Student responses are submitted electronically and evaluated by graduate students and project associates. Each team is given a written critique of their response, and each student receives a certificate acknowledging their participation in that Challenge.

Challenge questions are developed by Rutgers faculty and offered over the Internet three or four times during the academic year. After teams of high school students submit their answers to a Challenge, responses are critiqued and evaluated. These evaluations are sent to teachers and each student receives a certificate acknowledging their participation.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Waksman Student Scholars Program

Type of Partnership: Build Interest in a Specific Discipline - Science

Year Began: 1993

Higher Education Partner: Rutgers, The State University of New Jersey - Waksman Institute

Participants Served: 19 high school teachers & approximately 125 high school students

CONTACT INFORMATION

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Partners: Bayonne High School, Bordentown Regional High School, Bridgewater Raritan Regional High School, Colonia High School, East Brunswick High School, Hillsborough High School, Holmdel High School, James Caldwell High School, J. F. Kennedy Memorial High School, Monmouth Regional High School, Montville Township High School, New Brunswick Health Sciences Technology High School, North Brunswick Township High School, Pascack Hills High School, Rutgers Preparatory School, Somerville High School, The Pingry School, Watchung Hills Regional High School, West Windsor-Plainsboro High School South, Corporate Sponsor: GE Healthcare (formally Amersham Biosciences)

DESCRIPTION

The WSSP is a year-long program in molecular biology, genetics and bioinformatics. It begins with a 4-week summer institute and continues at each high school during the academic year. The program concludes with student presentations the following spring at the Waksman Forum Poster Session. Each year, a science teacher and two students representing 15 – 20 New Jersey high schools apply to the summer institute. Research continues in the schools in September when many more students can become involved. All high school students who participate in the academic year activities can enroll in the 3-credit affiliated course “Introduction to Research in Molecular Biology.”

The WSSP engages participants in a year long, actual research project in molecular biology. Background seminars, laboratory activities and bioinformatics sessions are offered during the four-week non-residential summer institute and at six academic year follow up meetings.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

A Digital Archive of New Jersey History

Type of Partnership: Curriculum Development

Year Began: 1997

Higher Education Partner: Rutgers, The State University of New Jersey Libraries

Participants Served: Teachers from nine school districts have developed modules with lesson plans since 1997.

CONTACT INFORMATION

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Hunterdon Central Regional High School

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Web Site: <http://www.scc.rutgers.edu/njh/>

Partners: Rutgers University Libraries, Hunterdon Central Regional HS, East Brunswick Public Schools, Freehold Regional Public Schools, Flemington-Raritan Regional Public Schools, Bridgewater-Raritan Regional Schools

DESCRIPTION

The Electronic New Jersey project is designed for secondary, middle, and elementary school teachers to develop web-based curriculum modules using primary source material to provide students with an in-depth study of New Jersey history. The eight topical modules currently available were chosen after careful review of a range of sources available in the Special Collections and University Archives of the Rutgers University Libraries, Rutgers University-New Brunswick. Instructional activities accompany the digital sources located in each topical module. Jersey Homesteads and Social Protest in the 1960s and 1970s were piloted by students and faculty at Hunterdon Central Regional HS and Spotswood HS in 1997. In 1998-99, modules were added on the Civil War and NJ, Paul Robeson and Rutgers, New Jersey and the American Revolution, and World War II in NJ. In 2001-02, new modules on the History of Science and Technology and Mass Culture and Consumerism were developed, field-tested and mounted on the site. During summer 2003, 5 new modules were developed: Thomas Edison and the Research Process, Women's Suffrage in NJ, The Cold War and Academic Freedom, WW II and NJ Industry, and NJ and the Civil War: The Life of A Soldier. These new modules will be field-tested and revised by May 2004, with mounting on this site scheduled for winter 2005. This program provides the opportunity for faculty to engage in research and curriculum development through the use of technology.

Pharmacy Education Program

Type of Partnership: Precollege Program

Year Began: 1981

Higher Education Partner: Rutgers, The State University of New Jersey, Ernest Mario School of Pharmacy

Participants Served: 5

CONTACT INFORMATION

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DESCRIPTION

The Pharmacy Education Summer Enrichment Program (PEP) is available to a select number of high school students to aid them in their transition from high school to college. The program will assist students to compete more effectively for admission to the School of Pharmacy.

The Summer Pre-College Enrichment Program emphasizes the following areas: special instruction in mathematics with an emphasis on word problems; sessions in reading comprehension, grammar, writing, and verbal skills; orientation and introduction to concepts in general chemistry; an introduction to a pharmacy course; exposure to laboratory environment with an emphasis on compounding and formulating; and small group tutoring in each of the subject areas listed above.

Rutgers, The State University of New Jersey, New Brunswick

NJ Higher Education Sector: Public Research University

Rutgers Institute for High School Teachers

Type of Partnership: Professional Development for Teachers

Year Began: 1989

Higher Education Partner: Rutgers, The State University of New Jersey, New Brunswick - Center for Historical Analysis

Participants Served: 140

CONTACT INFORMATION

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Partners: Rutgers University, Public schools throughout New Jersey, Private schools throughout New Jersey

DESCRIPTION

The Institute for High School Teachers is designed for teachers of English and Social Studies but is open to all educators, administrators, curriculum directors, and those who intend to teach.

The primary goal is to establish communication between the secondary and the university educational communities. University faculty and secondary educators come together to discuss recent scholarly literature, innovative curricula design, primary sources for classroom use, and methods for meeting state-mandated standards. As a Professional Development Provider registered with the NJ Department of Education, the Institute also helps teachers meet their 100-hour, 5 year in-service requirement by providing official certification upon completion of each course.

Rutgers professors direct full-day conferences and afternoon courses throughout the academic year. The Institute plans, schedules, and coordinates these programs. Rutgers University offers parking, facilities, and certification.

The state's secondary schools, public and private, provide their teachers with release time for participation in the Institute and professional credit for this participation. The districts also generally provide funds for the teachers' registration fees. The state's teachers bring their expertise to the program and implement the ideas developed in the course of the institute's seminars and conferences.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Project GRAD

Type of Partnership: Precollege Program

Year Began: 1999

Higher Education Partner: Rutgers University

CONTACT INFORMATION

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Partners: Central High School, Malcolm X Shabazz High School

DESCRIPTION

Project GRAD (Graduation Really Achieves Dreams) is a program which began in Texas in the early 1990's. It is funded by Lucent Technologies Foundation. This program was brought to Newark, New Jersey in 1999. At that time, Rutgers-Newark and other academic institutions within Essex County became the host school for the Project GRAD students who were members of Malcolm X Shabazz High School.

The purpose of the program is to: assist in student retention within the high school; create awareness of college life; develop an attitude of academic culture within each student's mindset; create awareness of possible professional careers; and engender an interest on the part of the students to make college a goal.

Each summer, each host school chooses a theme and shapes the curriculum for the 4 weeks the Project GRAD Scholars are on their respective campuses. The summer 2004 theme at Rutgers-Newark was "Sustainability of the Environment." The academic curriculum was shaped in such a way as to challenge and intellectually stimulate the students and at the same time stress certain New Jersey Core Academic Standards.

Saturday Academy

Type of Partnership: Precollege Program

Year Began: 1989

Higher Education Partner: Rutgers University

Participants Served: 100

CONTACT INFORMATION

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Partners: high schools in Irvington and Newark

DESCRIPTION

The Saturday Academy was established in 1983 for the purpose of preparing high school juniors for the Scholastic Aptitude Test (SAT). The program has served a total of approximately 1000 students between 1989 and 2000. The goals of the Academy are the following to improve students' test-taking strategies and to improve students' intellectual approach to learning.

The Saturday Academy is a review program that serves the Newark and Irvington School districts. The program, which is 4 semesters long, runs for a total of 18 weeks during the academic year. The Saturday Academy is unique in that it educates the "whole student." While substantive instruction is given in mathematics and in language arts, the program also engenders within its students a sense of being part of a learning community. To this end, the program is noncompetitive and insures that instructors manifest a caring attitude towards students. Academic advising is provided in the fall semester both to the students as a group and to individual students. This component of the Academy entails a discussion of financial aid planning, college choices and essay writing for admission to colleges. Because the Academy realizes the importance of including parents as advocates for their child's future, seminars are also provided for the parents.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Summer Ethics Institute

Type of Partnership: Precollege Program

Year Began: 2003

Higher Education Partner: Rutgers University Business School

Participants Served: 30

CONTACT INFORMATION

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Web Site: <http://www.pruethics.rutgers.edu>

Partners: high schools in Newark

DESCRIPTION

The mission of the program is to educate Newark-area high school students in ethics, particularly with respect to business. We aim to introduce business as an honorable and interesting profession and to give students a sense of the importance of college-level introductory work. The students take a series of seminars, led mostly by Rutgers faculty, on appropriate subjects. They live in dormitories and experience life at the Rutgers-Newark campus.

Project SEED

Type of Partnership: Precollege Program

Year Began: 1990

Higher Education Partner: Rutgers University Newark

Participants Served: 2

CONTACT INFORMATION

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Rutgers University Newark

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Web Site: <http://chemistry.rutgers.edu>

DESCRIPTION

The American Chemical Society funds Project SEED and supports students from economically disadvantaged families in summer research positions. High school students in the junior or senior year work with faculty on science projects in research laboratories. They present their findings at a symposium in September.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Friday Afternoon Chemistry Outreach

Type of Partnership: Precollege Program

Year Began: 1992

Higher Education Partner: Rutgers University-Newark

Participants Served: 12

CONTACT INFORMATION

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Partners: Arts High School

DESCRIPTION

During the spring term, students from Arts High School in Newark meet with faculty from the Chemistry Department at Rutgers University-Newark. Students, with the faculty's assistance, run experiments and participate in laboratory demonstrations. The meetings are held in a teaching laboratory in the Chemistry Department at the university.

Project M.O.S.T. Middle School Opportunities in Science & Technology

Type of Partnership: Precollege Program

Year Began: 2002

Higher Education Partner: Rutgers University-Newark

Participants Served: 93

CONTACT INFORMATION

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Partners: G.W. Carver Middle School, North Star Academy Middle School

DESCRIPTION

The primary goal of Project M.O.S.T. is to ensure that each middle school student maintains high academic achievement in science, as well as cultivates an interest in pursuing a career in science. Through tutoring, hands-on science experiments, enrichment field trips, and other stimulating activities, Project M.O.S.T. will help students explore the world of science while simultaneously expanding their horizons. Hopefully, by exposing the students to new ideas and resources at Rutgers University, they will maintain high academic performance and aspire to go to college.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Shabazz Project

Type of Partnership: Precollege Program

Year Began: 1997

Higher Education Partner: Rutgers University-Newark

Participants Served: 20

CONTACT INFORMATION

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Partners: Shabazz High School, Westside High School

DESCRIPTION

The Shabazz Project is a summer camp in accounting, sponsored by PricewaterhouseCoopers in conjunction with the National Association of Black Accountants. Twenty students are selected to participate in a three credit college course; tuition and fees are waived. Students from the high schools also participate in field trips to local accounting offices, workshops, and CASE competitions.

Teachers as Scholars

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Higher Education Partner: Rutgers, The State University - Institute on Ethnicity, Culture, and the Modern Experience

Participants Served: 150

CONTACT INFORMATION

Marion Bolden, Superintendent

Newark Public Schools

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Web Site: <http://www.nps.k12.nj.us>

Partners: IECME, NPS

DESCRIPTION

Teachers as Scholars (TAS) is a national program that provides professional development and life long intellectual growth for K-12 teachers; it also fosters academic interaction between teachers and university and college professors. Launched in 1996 at Harvard University, it has grown to embrace the work of scores of colleges, universities, and school districts across the nation. The inaugural year of the program in Newark is funded by grants to the Institute on Ethnicity, Culture, and the Modern Experience (IECME) from the Woodrow Wilson National Fellowship Foundation, and the Geraldine Dodge Foundation. TAS is a district/university partnership that will enable a select number of teachers to attend one of ten seminars taught by distinguished Rutgers University professors in the humanities, social sciences, the arts and the natural and physical sciences. To accommodate small group discussions, each seminar will be limited to a maximum of 15 participants. The seminars meet for two sessions in March or April.

Since the Newark Public School District is a partner in the program, the seminars are offered to teachers at no cost. The seminars meet for two sessions in March or April, 2004. NPS teachers are encouraged to enroll in the seminar that interests them, regardless of the grade level or subject that they teach. Over the duration of the seminars, substitute teachers will be provided by the NPS to cover the daily responsibilities of district teachers participating in the seminars. The IECME is registered with the State of New Jersey as a professional development provider (#5089). Registered seminar participants will be eligible to earn professional development hours in accordance with the guidelines provided by the NJ Department of Education Professional Development Provider Registration System.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Honors College ICF Tutoring Program

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: 100

CONTACT INFORMATION

John J. Gunkel, Director, FAS/N Honors College

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Partners: Rutgers-Newark Honors College, St. Benedict's Preparatory School, Thirteenth Avenue Elementary School (Newark)

DESCRIPTION

This program involves approximately 36 Rutgers undergraduates per year, who spend a total of almost 1,000 hours per year tutoring at the schools. Third and fourth graders who are not reading or doing mathematics at grade level are served at the Elementary School, and freshmen and sophomores experiencing academic difficulties in the transition to a college prep curriculum are served at the high school. The program provides tutoring and mentorship for P-12 students throughout the school year.

McNair Academic High School, Jersey City

Type of Partnership: College Credits for High School Students

Higher Education Partner: Rutgers, The State University of New Jersey

CONTACT INFORMATION

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Partners: Jersey City Public Schools (McNair Academic HS)

DESCRIPTION

Newark College of Arts & Sciences of Rutgers University - Newark offers college courses to advanced placement students chosen by McNair Academic High School. The classes are delivered to McNair by instructional television in real time; additional instruction is provided via the Blackboard I.T. platform. The program provides Economics, Psychology, and History courses for college credit during the academic year.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Newark Public Schools - School Nurse Experience

Type of Partnership: Non-Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey

Participants Served: varies

CONTACT INFORMATION

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Partners: Newark School District including all levels of schools in the district, Rutgers College of Nursing

DESCRIPTION

Junior nursing students in their pediatric rotation spend part of the rotation with school nurses from the Newark School District. The objectives are for nursing students to learn about a different and more independent nursing role that combines nursing care and health education. Second, to observe and learn about differences in growth and development in children who are not ill. Third, to care for children with chronic illness and/or developmental disabilities in a school setting. This experience is during the spring semester.

Abbott Leadership Institute - Parent Child Learning Centers

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: incomplete assessment

CONTACT INFORMATION

Junius W. Williams, Director

Abbott Leadership Institute

Newark, NJ

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Email: Director

Partners: Abbott Leadership Institute, Rutgers University, Rutgers students, Case Program, Rutgers Newark, America Reads, Rutgers Newark, Newark Literacy Campaign, Inc.

DESCRIPTION

This is a network of churches that provide tutoring and mentoring services for young people, and parenting information for the parents. ALI provides instruction in all aspects of improving parent participation in the education of their children, at home (homework assistance, creating a learning environment, etc.) and at school (parent-teacher conference, the Abbott Program and how it works for education reform). The tutors come from Rutgers-Newark and from the church sponsors.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

High School Educational Water Monitoring Program

Type of Partnership: Other

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: Seven Schools

CONTACT INFORMATION

Nabil Adam, Director, CIMIC; Jared Eudell, Project Manager, HRI; Mark A. Guarino, Director, Department of Health Services Bergen County; Jeannine Der Bedrosian, Program Chair, East Brunswick Stream Teams, Director, Center for Information Management, Integra Rutgers University - Newark

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Partners: CIMIC, Rutgers University - Newark, Hackensack Riverkeeper, New Jersey Meadowlands Commission, EPA, Bergen County Department of Health Services

DESCRIPTION

The High School Educational Water Monitoring Program is a hands-on watershed curriculum for high school students in the Hackensack River watershed that teaches about non-point source pollution, water chemistry, and ecology. The partners in this program include Hackensack River Keeper, New Jersey Meadowlands Commission and CIMIC. Watershed Management Program WMA5 project is funded by the state for the development and maintenance of a water monitoring website for Watershed Management Area 5. The partners in this project are Bergen County Department of Health Services and CIMIC.

High School Educational Water Monitoring Program: This is a grant-funded project to facilitate the web-based water monitoring activities by high school students around Hackensack and Bergen Counties. This water monitoring project has been further extended with an EPA grant to support the entire New Jersey volunteer monitoring groups from twenty Watershed areas. This project provides extensive knowledge base about water monitoring to the NJ community and volunteer water monitoring groups. WMA5 project provides various services like GIS interactive mapping, satellite image processing, water quality data management and streaming videos for students and community.

Newark Literacy Campaign - America Reads

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: 250

CONTACT INFORMATION

Diane Hill, Director Campus Information and Conference Services

Rutgers-Newark

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Web Site: <http://www.nwkcics.rutgers.edu>

Partners: Newark School district, Rutgers University, Newark Literacy Campaign, Newark North Jersey Black Clergy

DESCRIPTION

Administered by Campus Information and Conference Services, the Newark America Reads Program serves a vast community of children in Newark. In partnership with the Newark Literacy Campaign, Rutgers Campus Information and Conference Services, The Office of Financial Aid/Student Employment, and New Jersey Institute of Technology, the America Reads Program has become a positive addition to the community it serves. The Newark America Reads Program enriches children's lives by providing academic tutorial support in the areas of Math and Reading. The one-on-one interaction between college tutors and their children demonstrates their significant commitment of time and energy to develop relationships with youth devoted primarily to encouraging their academic success. The services are provided during the academic year and modified during the summer months.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Newark Public Schools Systemic Initiative in Mathematics - Local Systemic Change Project

Type of Partnership: Curriculum Development

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

CONTACT INFORMATION

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Partners: Newark Public Schools, Montclair University

DESCRIPTION

The K-8 Newark Public Schools Systemic Initiative In Mathematics (NPSSIM) is an ambitious five-year plan to achieve comprehensive reform in mathematics education and to ensure institutionalization thereafter. Building on the existing infrastructure, pilot programs, partnerships, and lessons learned from past endeavors, research, and during the planning period, the project sets important goals that will result in improved student achievement in mathematics. The goals will be accomplished through a multi-faceted program that has at its core an informed cadre of instructional leaders at all levels within the school district, who will support the implementation of the adopted standards-based curricula, standards-based instruction, and assessment. These mathematics leaders will provide onsite, and ongoing support to help all teachers build new standards-based approaches to the teaching and learning of mathematics. The district has made a commitment to supporting change, and the time is ideal for this initiative which will not only help teachers and administrators who are currently part of the district, but provide a way to continue to support participants in transition as well as those who are new to the district. The implementation process includes scaling-up and expanding the internal capacity building of the Newark Public Schools in collaboration with community agencies and university partners to: implement standards-based curriculum; integrate the technology standards into mathematics instruction; develop and implement coherent assessment practices; provide ongoing standards-based professional development; and, use the results of research and data as a tool for improving mathematics instruction. Our ultimate goal is to improve student learning and every aspect of this proposal is intended to lead to that result.

North Star Academy Gear-UP Tutoring Program

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: 20

CONTACT INFORMATION

Paul Bambrick, North Star Academy Charter school

Newark, NJ

Web Site: http://afc.newark.rutgers.edu/north_star_academy.html

Partners: North Star Academy Charter School, Academic Foundations Center, Education and Academic Foundations Department - Rutgers - Newark

DESCRIPTION

The Academic Foundations Center and the Education and Academic Foundations Department, in collaboration with North Star Academy Charter School, provide tutoring sessions for middle school children attending North Star Academy Charter School. The Rutgers University-Newark campus hosts tutoring sessions in the Rutgers Learning Center during the academic year. The tutoring sessions provide the children from North Star Academy Charter School with an opportunity to work one-on-one with an undergraduate tutor in the areas of reading and writing. More importantly, the sessions provide the children with an opportunity to visit and explore the Rutgers University - Newark campus. Tutoring is provided during after-school hours in the academic year.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

NSF Graduate Teaching Fellows in the Newark Public Schools

Type of Partnership: Build Interest in a Specific Discipline - Science and Mathematics

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: approx. 750

CONTACT INFORMATION

Jeffrey D. Kidder, Assistant Professor, Assistant Professor

Rutgers University-Newark

Conklin Hall 158, Newark, New Jersey 07102

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Web Site: <http://www.nsf.gov>

Partners: Newark Public Schools

DESCRIPTION

The project links Rutgers University - Newark graduate students and advanced undergraduates from the sciences with the Newark Public Schools as NSF Teaching Fellows. The broad goals of the program to share knowledge of and interest in science and mathematics with students and expose them to new ideas, resources, and potential careers; and to provide university students with a variety of educational experiences that enhance their teaching skills. Study-skills training, campus visits and tours, mentoring, cultural activities and field trips are provided during the academic year, during school hours.

Prudential Future Businesses Computer Institute

Type of Partnership: Build Interest in a Specific Discipline - Computer Technology

Year Began: 1997

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: 25

CONTACT INFORMATION

Walter Genuario, Program Coordinator

Rutgers University-Newark

350 Dr. Martin Luther King Blvd, Newark, NJ 07102

Telephone: 973.353.1630

Fax: 973.353.1631

Email: cics@andromeda.rutgers.edu

Web Site: <http://www.nwkcics.rutgers.edu>

Partners: Prudential, Rutgers Academic Foundations Center (Newark), Rutgers Campus Information and Conference Services (Newark)

DESCRIPTION

The Future Business Computer Institute (FBCI) is a two-week summer program intended to expose and successfully train students in the growing industry of computer technology. The Future Business Computer Institute is funded by Prudential and supported by Academic Foundations and Campus Information and Conference Services. The hands-on curriculum helps students to develop new and advanced existing computer technological skills. The Institute has a long and distinguished history of thirty-five consecutive summers of operation from 1970 to the present. The Future Business Computer Institute (FBCI) is a two-week summer program intended to expose and successfully train students in the growing industry of computer technology.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Technology Summer Camp

Type of Partnership: Build Interest in a Specific Discipline - Technology

Year Began: 1999

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: 45

CONTACT INFORMATION

Nabil Adam, Director, CIMIC; Vivian Fraser, Urban League, Essex County; Pamela Morgan, Newark High School Coordinator, Board of Ed., Director, Center for Information Management, Integration and Connectivity

Rutgers University - Newark

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Fax: 9733535808

Email: adam@adam.rutgers.edu

Web Site: <http://cimic.rutgers.edu/~adam/>

Partners: CIMIC, Rutgers University - Newark, Newark Public School, Urban League Essex County

DESCRIPTION

The objective of the Technology Summer Camp is to expose students to technology as a way to continue education throughout the summer. This program is developed by the East Newark School and CIMIC. Students get a unique chance to acquire computer skills via real world problem and solving techniques. We give students environmental science issues not only to make students aware of the environmental issues, but also to learn to assess the impacts of environmental problems and to learn how to address these challenges using data and data presentation skills via the use of computers. This camp focuses on the underprivileged kids from the Newark community. This high-technology summer camp provided students with PDAs, handheld GPS and digital cameras and sent them out to study the community around Newark. Using the electronic equipment, they created digital maps of the area, and recommend changes that would revitalize the community. Each camp was divided into three 10-day learning modules, including video production, digital mapping/GIS, and computer literacy/graphics. The digital mapping/Geographical Information System (GIS), mobile technologies and the Web design development/graphics components were done at Rutgers-Newark and the other components, such as video production and computer literacy, took place at the Urban League family technology center in Newark. During the upcoming school year, the students will use their plans to lead community projects based on their research.

CIMIC is part of the GeoSpatial Information and Technology Association (GITA) New York-New Jersey Chapter. Together with GITA, CIMIC organizes a GeoSpatial Symposium. This symposium provides an opportunity for both the students and professional community to discover and share the latest developments in the Geospatial industry.

Tell Your Story

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Newark

Participants Served: 150

CONTACT INFORMATION

Patricia Bender, Director, Writing Center

Rutgers, The State University of New Jersey - Newark

Newark, NJ

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Email: pbender@andromeda.rutgers.edu

Partners: Newark Public Schools, Friends of the Newark Public Library, Project GRAD - Newark

DESCRIPTION

Volunteers from the Friends of the Newark Public Library Board of Trustees and Rutgers Writing Center tutors work with the Director of the Writing Center and Project Grad to host writing workshops for students in Newark Public Schools, grades 5-9. The program provides six writing workshops a year and a writing curriculum.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Allies in Teaching Mathematics and Technology

Type of Partnership: Build Interest in a Specific Discipline - Mathematics

Year Began: 2000

Higher Education Partner: Rutgers, The State University of New Jersey - Newark campus

CONTACT INFORMATION

Roberta Schorr, Associate Professor
Rutgers University - Newark
Room 171 Bradley Hall, Newark, NJ 07102
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Fax: 973.353.1622
Email: schorr@rci.rutgers.edu

Partners: Newark public schools, Essex County Vocational and Technical Schools

DESCRIPTION

The primary goal of this project is to provide access to powerful mathematical ideas for all students by: Helping teachers to create classroom environments in which students can build concepts and skills as they engage in meaningful, compelling, and challenging problem-solving explorations; Helping teachers to become more comfortable with new materials, standards-based curricula, and teaching strategies that introduce new technologies; Helping students gain knowledge and skills as they work on complex, problem-solving activities; Expanding the numbers of students who are mathematically literate, confident, and able to succeed in mathematically challenging courses; Allowing undergraduate students at Rutgers-Newark to provide direct support in the schools to both teachers and students.

Rutgers University faculty, staff, and undergraduate students work with teachers and students in the Newark Public Schools to accomplish the goals listed above throughout the school year and during summer sessions.

Newark School District Initiative

Type of Partnership: High School - College Transition Assistance

Year Began: 2003

Higher Education Partner: Rutgers, The State University of New Jersey - Newark Campus

Participants Served: 150 per year

CONTACT INFORMATION

Bruce Neimeyer, Director of Graduate and Undergraduate Admissions
Rutgers, The State University of New Jersey - Newark Campus
Newark, NJ
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Partners: Arts High School, Central HS, Malcolm X Shabazz, Science HS, Technology and University HS's

DESCRIPTION

The goal of this partnership is to broaden student's knowledge of higher education opportunities, specifically at Rutgers-Newark. During the Fall of each year we bring in Seniors from selected Newark high schools to encourage them to think about the many opportunities that exist at a four-year institution. Staff at Rutgers University assist these students with the application process for Rutgers University. In the spring we assist Juniors from the Newark high schools who then return to the campus the following fall as a follow up to the process.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Charter School Program

Type of Partnership: Non-Academic Support Services

Year Began: 2001

Higher Education Partner: Rutgers, The State University of New Jersey - Newark Law School

Participants Served: 6 schools(5 elem., 1 h.s.)

CONTACT INFORMATION

Charles I. Auffant, Assoc Prof. of Clinical Law

Rutgers Law Newark

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Email: cauffant@kinoy.rutgers.edu

Partners: Marion P. Thomas Charter School, Newark Pre- School Council, Jersey Shore Charter School, University Academy Charter High School, Discovery Charter School and Team Academy

DESCRIPTION

The clinic serves as counsel for the schools providing representation in various areas such as labor negotiations, dissolution, tax exemption, contracts, public bidding, lease negotiations, construction disputes, school discipline and various policy areas. The Clinic's legal representation puts our students in the schools where they serve not only as counsel but as role models. At the same time our students are learning that corporate/transactional counsel can provide important pro bono legal services. The resources that the charter school saves on legal fees can be redirected to student's education.

East Orange Campus High School Law Academy

Type of Partnership: Build Interest in a Specific Discipline - Law

Year Began: 2002

Higher Education Partner: Rutgers, The State University of New Jersey Law School - Newark

Participants Served: 80

CONTACT INFORMATION

Robert C. Holmes, Director, Community Law Clinic

Rutgers Law School - Newark

123 Washington Street, Newark, New Jersey

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Fax: 973.353.3197

Email: rholmes2kinoy.rutgers.edu

Partners: East Orange Campus High School, Rutgers Law School - Newark Community Law Clinic, East Orange Board of Education

DESCRIPTION

This initiative is a collaboration between the faculty of the East Orange Campus High School and the Community Law Clinic (CLC) to develop and implement a Moot Court and/or a Mock Trial competition for students participating in Law Academy classes. Campus High School faculty give Law Academy students an overview of the legal process; CLC faculty and students provide mentoring and training to develop Law Academy students' advocacy skills. The project is intended to serve both Law Academy students and Rutgers Law school students. The latter group are provided a opportunity to practice what they have learned in law school.

CLC students meet once a week with Law Academy students over the course of a semester. Four groups of students - approximately 20 students/group participate in the program. CLC students coach Academy students in the art of issue spotting, persuasive argument and oral advocacy, all in preparation for an end-of-semester competition judged by a distinguished panel of judges organized by the CLC.

Rutgers, The State University of New Jersey, Newark

NJ Higher Education Sector: Public Research University

Social Work Field Internship Program

Type of Partnership: Pre-Service Clinical Placements

Year Began: 1995

Higher Education Partner: Rutgers, The State University of New Jersey, Newark campus

Participants Served: 10 schools and 11 social work students

CONTACT INFORMATION

Phylis Peterman, Chair of the Department of Social Work

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Partners: Rutgers University, Department of Social Work, Non-profit community agencies, Government agencies, including various school districts, Privately funded agencies

DESCRIPTION

The goal of the partnership between the Department of Social Work and community social service agencies is to educate students who as social work practitioners will work in an array of agency settings and with a variety of client populations. At the community service agency, where they are placed as unpaid interns, students are assigned various learning opportunities to develop their skills and apply their knowledge from the classroom to the agency setting while upholding the values and ethical principles of the profession of social work.

During the academic year, the Department of Social Work partners with community agencies, a number of which are schools, to provide services to pre-school, elementary, middle school, and secondary school students. These services consist of one-to-one counseling, information and referral, development of small groups, organizing community events and activities, and parent outreach. The department also collaborates with Quitman Saint School to implement an annual conference, "Caring for the Whole Child."

Saint Elizabeth, College Of

NJ Higher Education Sector: Independent College or University

Building School District Leadership Capacity

Type of Partnership: College Coursework at K-12 Schools

Year Began: 2002

Higher Education Partner: College of Saint Elizabeth

Participants Served: 150

CONTACT INFORMATION

John R. Crews, Associate Professor and Coordinator of Leadership Studies

College of Saint Elizabeth

2 Convent Road, Morristown, NJ 07960

Telephone: 973.290.4382

Fax: 973.290.4375

Email: jcrews@cse.edu

Web Site: <http://www.cse.edu>

Partners: Mt Olive Public School District, Belleville Public School District, Parsippany Public School District, Ridgewood Public School District, Millburn Public School District

DESCRIPTION

The College of Saint Elizabeth works with several local school districts to provide an on-site MA Program in Educational Leadership that leads to NJ Principal / Supervisor certification for future school leaders. The overall goal of the program is to build a leadership infrastructure to include a pool of candidates for potential administrative openings within the districts. The MA in Educational Leadership takes two years to complete. It is a 36 credit program implemented on-site in the partnering districts during the school year and summer semesters.

Saint Peter's College

NJ Higher Education Sector: Independent College or University

Ferris High School Higher Achievement Program

Type of Partnership: Tutoring/Academic Support Services

Year Began: 1986

Participants Served: 225

CONTACT INFORMATION

Dr. Robert Perry, Director of Minority Affairs

Saint Peter's College

2641 Kennedy Blvd., Jersey City, NJ 07306

Telephone: 201.915.9288

Email: rperry@spc.edu

Web Site: <http://www.spc.edu>

Partners: James J. Ferris High School, Jersey City

DESCRIPTION

The goals of the program are to improve academic skills, increase college awareness and increase the likelihood of college attendance of Ferris High School students. These goals are accomplished through tutoring/mentoring, peer learning groups and workshops.

Special Program for Credit

Type of Partnership: College Credits for High School Students

Year Began: 1970

Participants Served: 200

CONTACT INFORMATION

Dr. Joseph McLaughlin, Director/Assoc. Professor of Education

Saint Peter's College

2641 Kennedy Blvd., Jersey City, NJ 07306

Telephone: 201.915.9254

Email: jmclaughlin@spc.edu

Web Site: <http://www.spc.edu>

Partners: partner NJ high schools

DESCRIPTION

This program is designed for academically talented high school seniors. SPFC offers these students the unique opportunity to earn college credits for advanced course-work completed in their high school. SPC has evaluated select courses in certain high schools and has approved faculty, syllabi and textbooks for college credit. All high school teachers participating in SPFC have earned advanced degrees and have received special adjunct faculty status from the College for this program. In addition to offering credit programs in local high schools, the Special Program for Credit provides limited opportunities for students to take one course per semester in the day session on the Saint Peter's campus during their senior year in high school. SPFC courses offer the challenge of advanced and independent study, as well as an introduction to collegiate work; during the academic year during school hours.

Saint Peter's College

NJ Higher Education Sector: Independent College or University

Summer Scholar Program

Type of Partnership: Precollege Program

Year Began: 1970

Participants Served: 75

CONTACT INFORMATION

Anna Brown, Ph.D., Director/Assistant Professor

Saint Peter's College

2641 Kennedy Blvd, Jersey City, NJ 07306

Telephone: (201) 915-9242

Web Site: www.spc.edu

DESCRIPTION

Program Services (Academic):

Academically accelerated courses below the college level, e.g. A.P., Reading/Writing Instruction, Math/Science Instruction, Critical Thinking Skill Development

Program Services (Other):

Social Skills Development/Confidence Building, College Awareness, Career Counseling, Mentoring, Cultural Activities

Salem Community College

NJ Higher Education Sector: Community College

Improving Teacher Quality

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: approx. 260 in 2003-2004 academic year

CONTACT INFORMATION

Joseph Manzione, Director, The Education Center

Salem Community College

460 Hollywood Avenue, Carneys Point, NJ 08069

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Email: jmanzione@salemcc.edu

Web Site: <http://www.salemcc.edu>

Partners: Salem City School District, Penns Grove/Carneys Point Regional School District, DuPont Co.

DESCRIPTION

The Improving Teacher Quality Partnership Grant enables Salem Community College to provide teachers with meaningful professional development opportunities, technology assistance, and technological resources that will assist in the teaching-learning process. This grant allows Salem Community College to provide training workshops to the teachers of the partnership school districts (Salem City and Penns Grove/Carneys Point). The grant also provides an Educational Technologist as well as two Project Facilitators (master teachers) who make on-site visits and work directly with the novice teachers and mentor teachers. The Education Center (TEC) also houses a resource library that includes various educational materials for teachers.

Rising Stars

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 15

CONTACT INFORMATION

Dr. Reva Curry, Dean, Student Services

Salem Community College

460 Hollywood Avenue, Carney's Point, NJ 08069

Telephone: (856) 351-2696

Fax: (856) 299-9193

Email: curry@salemcc.org

Partners: Penns Grove High School, Salem High School, Woodstown High School, Pennsville High

Pennsville High

Pennsville High School

DESCRIPTION

The Rising Stars program helps high school students from the Penns Grove, Pennsville, Salem, and Woodtown areas prepare for collegiate success. The comprehensive program consists of a five-week training series each summer at the college. Students focus on English, reading, and math in preparation for the SAT examination.

The immediate goal is to show students what colleges and universities expect from them and to help them meet and exceed those expectations. The long-term goal is for students to realize that they have what it takes to achieve their dreams and be productive members of their communities.

Salem Community College

NJ Higher Education Sector: Community College

Salem County Academy Programs

Type of Partnership: College Credits for High School Students

Year Began: 1995

Participants Served: 24

CONTACT INFORMATION

Joell Thomas, Guidance Counselor

SCVTS

Route YS - PO Box 350, Woodstown, NJ 08098

Telephone: 856.769.0101 ext.318

Email: jthomas@scvts.org

Web Site: <http://www.scvts.org>

DESCRIPTION

High school students may enroll in academy programs through the Salem County Arts, Science and Technology High School. Presently the following academy programs enable students to take college-level courses at Salem Community College: Academy of Biological and Medical Sciences; Academy of Chemical Engineering and Technology; and Academy of Graphic Design in Multimedia Technology.

These rigorous programs are designed to help prepare students for careers in specific fields. Students transfer their SCC credits to four-year institutions. The following services are provided during the academic year: Computer-skills training, math/science instruction, critical thinking skills development, grade and attendance monitoring, college courses for credit, social skills development/confidence building, leadership development, college fairs, college awareness, career counseling and information, personal counseling, cultural activities and field trips.

Salem County High Schools' Robotics Team

Type of Partnership: Precollege Program

Year Began: 1999

Participants Served: 15

CONTACT INFORMATION

Pam Halter, Manager

Salem Community College

460 Hollywood Avenue, Carney's Point, NJ 08069

Telephone: (609) 828-4764

Fax: (856) 351-2634

Web Site: www.salemcc.edu

Partners: Penns Grove, Carney's Point, Woodstown, Pilesgrove, Pittsgrove, Pennsville, and Salem School Districts

☐ County Vocational-Technical

DESCRIPTION

The Salem County Robotics Team is affiliated with FIRST (For Inspiration and Recognition of Science and Technology), a non-profit organization created to inspire an appreciation of science and technology in young people. High school students and technical mentors work as a team to design and build a robot that solves a problem using a common "kit of parts" and a standard set of rules. After building a new robot each winter, the Salem County team competes in regional and national events sponsored by FIRST. The FIRST Robotics Competitions bring together high school students, mentors, parents, and volunteers.

Salem Community College

NJ Higher Education Sector: Community College

Salem County School to Careers

Type of Partnership: Precollege Program

Participants Served: 27

CONTACT INFORMATION

Glen Donelson, Project Director, Pennsville Board of Education

Salem Community College

30 Church Street, Pennsville, NJ 08076

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Fax: (856) 678-7565

Email: gdonelso@pennsville.k12.nj.us

Partners: schools in Salem County

DESCRIPTION

The Salem County School to Careers program helps young people realize that postsecondary education is critical to obtaining high-skill, high-wage employment. The program is open to any students between the ages of 16 and 25 who lack a high school diploma. Each morning, the program participants attend their local high school or one of the county's three adult schools. Three afternoons per week, the students attend Salem Community College, earning college credit in career-specific or career-skills classes. In the summer, they participate in paid-work experiences that parallel the career pathway they choose at school.

Salem County Science Fair

Type of Partnership: Precollege Program

Year Began: 1990

Participants Served: 400

CONTACT INFORMATION

Joan Baillie, Dean Academic Affairs

Salem County Science Fair

460 Hollywood Avenue, Carneys Point, NJ 08069-2799

Telephone: (856) 351-2645

Email: baillie@salemcc.edu

Web Site: www.salemcc.edu

Partners: Strang School, Marexcel Academy, Halter Home School, Salem County Vocational Technical

DESCRIPTION

Salem County's fifth through twelfth grade students participate in the Annual Salem County Science Fair, sponsored by Dupont Partners in Science. The fair allows students to apply what they have learned in school. Participants concentrate on an area of special interest, collecting and analyzing data while following the scientific method. Students also practice public speaking and presentation skills during an interview with judges. Area teachers and professionals serve as judges. Students can win savings bonds at this level; successful sixth through twelfth graders are eligible to continue on to the Delaware Valley Science Fair, where they can win college scholarships.

Seton Hall University

NJ Higher Education Sector: Independent College or University

Cranford Public Schools/Seton Hall University's Professional Development Schools

Type of Partnership: Pre-Service Clinical Placements

Year Began: 1999

Participants Served: approx. 800 students

CONTACT INFORMATION

Deborah Strazza, Director of Field Placement and Supervision

Seton Hall University

400 South Orange Ave., South Orange, NJ 07079

Telephone: 963.275.2010

Email: strazzsde@shu.edu

Partners: Cranford Public Schools, Seton Hall University College of Education and Human Services

DESCRIPTION

The four main goals of this professional development school partnership are to provide supportive clinical settings in which teacher candidates engage in pre-service training; provide professional development to partner educators; promote and conduct inquiry that advances teaching knowledge and skills; and provide exemplary education for students.

A Seton Hall University coordinator is on-site in Cranford once a week, providing support and supervision for teacher candidates. A Cranford coordinator provides daily support and supervision for candidates and cooperating teachers. Group reflective sessions are held regularly to address concerns and provide collaborative support. Classes are taught on-site.

Crossroads School, Westfield

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: 47

CONTACT INFORMATION

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Seton Hall University

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Telephone: 963.275.2010

Email: strazzsde@shu.edu

Partners: Crossroads School, College of Education and Human Services, SHU

DESCRIPTION

Operated by the Union County Educational Services Commission, Crossroads is an intermediate countywide agency that provides educational programs and services to children who cannot be served appropriately in their regular classrooms or in special education programs in their local school districts. Crossroads students have autism, thereby providing SHU special education majors with internships and student teaching experiences working with students with a specific developmental disability. In return, Seton Hall faculty provide professional development workshops and professional development hours to Crossroads faculty.

Seton Hall University

NJ Higher Education Sector: Independent College or University

Educational Talent Search Project

Type of Partnership: Precollege Program

Year Began: 1968

Participants Served: 847

CONTACT INFORMATION

Yocasta Ramos, Director

Seton Hall University

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Partners: Newark School District

DESCRIPTION

The Educational Talent Search Project of Seton Hall University is a federally-funded career and college counseling program servicing economically disadvantaged students in Newark's public and parochial schools. The Project's primary goal is to encourage and assist students to apply and gain admission to institutions of higher education, technical schools, or continuing education programs throughout the United States. Participants are provided with personal support counseling and the academic and financial aid information necessary for success in college. The Project also supports other students who are referred to the program via community agencies and other sources.

Jefferson School, Maplewood

Type of Partnership: Professional Development for Teachers

Year Began: 2002

Participants Served: 412 students

CONTACT INFORMATION

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Seton Hall University

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Telephone: 963.275.2010

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Partners: Jefferson School, College of Education and Human Services

DESCRIPTION

Jefferson School provides supportive clinical settings in which teacher candidates engage in pre-service teaching after they attend an on-site course in literacy. A goal is to partner teacher candidates with veteran teachers who are willing to talk about why they teach, how they teach, and the decision-making regarding what they teach.

1. Jefferson School provides teacher candidates with supportive clinical settings.
 2. Jefferson School offers on-site literacy classes, allowing teachers to attend for collaborative purposes.
 3. The College of Education and Human Services provides professional development to cooperating teachers.
-

Seton Hall University

NJ Higher Education Sector: Independent College or University

Lafayette Street School, Newark

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: 763

CONTACT INFORMATION

Deborah Strazza, Director of Field Placement and Supervision

Seton Hall University

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Web Site: <http://education.shu.edu>

Partners: Lafayette Street School, Cranford Public School, College of Education and Human Services

DESCRIPTION

In conjunction with the College of Education and Human Services/Cranford Professional Development staff, Lafayette Street School has joined the partnership with four goals, adding an urban component to the partnership. The four goals are to provide supportive clinical settings in which teacher candidates engage in pre-service training; provide professional development to partner educators to support their achievement; promote and conduct inquiry that advances teaching knowledge and skills; and provide exemplary education for P-12 students

Lakeview School, Edison / College of Education and Human Services, SHU

Type of Partnership: Pre-Service Clinical Placements

Year Began: 1999

Participants Served: 78

CONTACT INFORMATION

Deborah Strazza, Director of Field Placement and Supervision

Seton Hall University

400 South Orange Ave., South Orange, NJ 07079

Telephone: 963.275.2010

Email: strazzsde@shu.edu

Partners: Lakeview School, SHU College of Education and Human Services

DESCRIPTION

The Lakeview School is operated by the Cerebral Palsy Association of Middlesex County. It is an intensive countywide agency that provides educational programs and services to children who cannot be served appropriately in regular classrooms or in the special education programs of their local school districts. The common disability among Lakeview students is cerebral palsy. The intensity of the experience provides our candidates with the opportunity to work with Lakeview students in the classroom and in "specials" e.g. physical therapy, occupational therapy, and speech therapy, as well as with the staff who make aids for the students (wheelchairs, walkers, etc.)

All candidates work closely with staff, providing quality educational experiences for both Lakeview students and Seton Hall candidates. The College of Education and Human Services provides professional development workshops for the Lakeview staff.

Seton Hall University

NJ Higher Education Sector: Independent College or University

Liberty Science Center/Seton Hall University College of Education and Human Services

Type of Partnership: Other

Year Began: 2003
(Affiliation began in 1998)

CONTACT INFORMATION

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Seton Hall University
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Partners: Liberty Science Center, Seton Hall University College of Education and Human Services

DESCRIPTION

Liberty Science Center staff work with Seton Hall University teacher candidates during the summer on special projects. Some experiences include electronic classroom teaching between LSC and cooperating schools; SHU students preparing presentations for LSC Teacher Professional Development Workshops; off-site demonstrations at science fairs; conducting research and preparing lessons for new exhibits; and teaching lessons in the classrooms that highlight LSC exhibits.

Millburn Regional Day School/College of Education and Human Services

Type of Partnership: Pre-Service Clinical Placements

Year Began: 2003

Participants Served: 110 students

CONTACT INFORMATION

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Telephone: 963.275.2010
Email: strazzsde@shu.edu

Partners: Millburn Regional Day School, College of Education and Human Services

DESCRIPTION

Millburn Regional Day School is operated by Bergen County Special Services. Millburn Regional Day School offers education programs and services to children who cannot be served appropriately in regular classrooms or in special education programs in their local school districts. The students are multiply-handicapped, with disabilities ranging from cerebral palsy to deaf/blind/nonambulatory, compounded by severe developmental disabilities. The school also has a highly successful career-training program, partnering with businesses throughout the state. Seton Hall interns and teacher candidates have successful experiences working with Millburn students and their cooperating teachers.

Millburn Regional Day School provides supportive clinical experiences to candidates, working with persons of multiple disabilities, both in classrooms and in the career training program. The College of Education and Human Services provides professional development for Millburn Regional Day School teachers.

Seton Hall University

NJ Higher Education Sector: Independent College or University

St. Rose of Lima School, Short Hills

Type of Partnership: Professional Development for Teachers

Year Began: 2003

Participants Served: 275

CONTACT INFORMATION

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400 South Orange Ave., South Orange, NJ 07079

Telephone: 963.275.2010

Email: strazzsde@shu.edu

Partners: St. Rose of Lima School, College of Education and Human Services

DESCRIPTION

St. Rose of Lima School is a K-8 Catholic school where faculty are willing to work with pre-service teachers and talk to them about why they teach, how they teach, and decision-making about what they teach. Teacher candidates work in learning environments where they are able to instruct and participate actively with children in varied ways, such as one-to-one, small groups, and whole group instruction. St. Rose of Lima School provides teacher candidates with supportive clinical settings and the College of Education and Human Services provides workshops in specific content areas for the school's staff.

Summit Middle School

Type of Partnership: Tutoring/Academic Support Services

Participants Served: 200

CONTACT INFORMATION

Deborah Strazza, Director of Field Placement and Supervision

Seton Hall University

400 South Orange Ave., South Orange, NJ 07079

Telephone: 963.275.2010

Email: strazzsde@shu.edu

Partners: Summit Middle School, SHU College of Education and Human Services

DESCRIPTION

Secondary education majors spend one day per week in a middle school classroom writing and presenting lessons in a variety of subject areas. At the end of the day, these interns then tutor at-risk students in math and literacy. Summit/Seton Hall Challenge Program, weekly tutoring program where SHU candidates tutor at-risk middle school students in math, writing, ESL, and homework assistance.

Seton Hall University

NJ Higher Education Sector: Independent College or University

Upward Bound Project

Type of Partnership: Precollege Program

Year Began: 1966

Participants Served: 150

CONTACT INFORMATION

Erwin Ponder, Director

Seton Hall University

Mooney Hall, 400 South Orange Ave., South Orange, NJ 07079

Telephone: (973) 761-3419

Fax: (973) 275-2197

Email: ponderer@shu.edu

Partners: Newark, East Orange, Orange and Livingston School Districts

DESCRIPTION

The Seton Hall University Upward Bound Project combines federal and private funding to offer academic, counseling and cultural enrichment activities for disadvantaged, "at-risk" students in grades 9-12. The academic curriculum is High School Proficiency Assessment (HSPA)-based and conforms to the New Jersey Core Curriculum Content Standards. The project provides a full-time, six-week Adventure Based Learning non-residential summer program and a 24-week (Saturday only) academic year program for 200 low-income, first-generation high school students from the cities of Newark, Orange, East Orange, Irvington, Elizabeth, and Plainfield, New Jersey.

Stevens Institute of Technology

NJ Higher Education Sector: Independent College or University

CIESE - Elizabeth Public Schools

Type of Partnership: Professional Development for Teachers

Year Began: 1993

CONTACT INFORMATION

Beth McGrath, Director, Center for Innovation in Engineering and Science Education
Stevens Institute of Technology
Castle Point on the Hudson, Hoboken, NJ 07030
Telephone: 201.216.5037
Fax: 201.216.8069
Email: bmcgrath@stevens.edu

Partners: Elizabeth Public Schools, Stevens Institute of Technology's Center for Innovation in Engineering and Science Education, New Jersey Department of Education, New Jersey Commission on Higher Education, National Science Foundation

DESCRIPTION

In 1993, the Center for Innovation in Engineering and Science Education at Stevens Institute of Technology began a partnership with Elizabeth Public Schools in an NSF-sponsored Mentor-Teacher program geared at improving mathematics with technology. The partnership continued with collaboration in CIESE's K-12 Partnership Program and the NJ Commission on Higher Education sponsored High Technology Workforce program. Over the last several years, CIESE has provided intensive in-district mentoring for middle school mathematics teachers and is now embarking on an N.J. Department of Education MATRIX (Math Achievement to Realize Individual eXcellence) grant designed to improve sixth, seventh, and eighth grade student achievement of the Core Curriculum Content Standards in Mathematics by enabling a group of teachers at each grade level to effectively integrate technology into teaching and learning. The program provides full-day professional development sessions, in-school visitations, and summer workshops.

CIESE - Hoboken Public Schools

Type of Partnership: Professional Development for Teachers

Year Began: 1988

CONTACT INFORMATION

Beth McGrath, Director, Center for Innovation in Engineering and Science Education
Stevens Institute of Technology
Castle Point on the Hudson, Hoboken, NJ 07030
Telephone: 201.216.5037
Fax: 201.216.8069
Email: bmcgrath@stevens.edu

Partners: Hoboken Public Schools, Stevens Institute of Technology's Center for Innovation in Engineering and Science Education, IBM Foundation, New Jersey Department of Education, New Jersey Commission on Higher Education, National Science Foundation

DESCRIPTION

Hoboken Public Schools and the Center for Innovation in Engineering and Science Education began its long partnership in 1988 with a technology in mathematics program sponsored by the N.J. Department of Education and the N.J. Commission on Higher Education. CIESE and Hoboken continued to work together over the years with teacher participation in workshops offered through the NSF Networking Infrastructure for Education Program, K-12 Partnership Program, TIME Program, High Technology Workforce Program, and more recently with Stevens' supported Technology-in-Education Summer Institutes. In addition, CIESE is providing in-district support to Hoboken through their N.J. Department of Education STAR-W grant. The program provides full-day professional development sessions, in-school visitations, and summer workshops.

Stevens Institute of Technology

NJ Higher Education Sector: Independent College or University

CIESE- Newark Public Schools

Type of Partnership: Professional Development for Teachers

Year Began: 1988

CONTACT INFORMATION

Beth McGrath, Director, Center for Innovation in Engineering and Science Education
Stevens Institute of Technology
Castle Point on the Hudson, Hoboken, NJ 07030
Telephone: 201.216.5037
Fax: 201.216.8069
Email: bmcgrath@stevens.edu

Partners: Newark School District, Stevens Institute of Technology's Center for Innovation in Engineering and Science Education, New Jersey Department of Education, New Jersey Commission on Higher Education, National Science Foundation

DESCRIPTION

Newark Public Schools was one of CIESE's (Center for Innovation in Engineering and Science Education) first partners when in 1988-1990 ten teachers from the district participated in a state sponsored mathematics and technology program encompassing monthly workshops and an intensive two-week summer workshop at Stevens Institute. During the ensuing years, Newark teachers participated in a multitude of technology in mathematics/science workshops offered through CIESE's NSF-sponsored Networking Infrastructure for Education program and K-12 Partnership Program. In 1999 Newark became the focus of a N.J. Commission on Higher Education High Technology Workforce program. This three-year effort was an intensive teacher professional development collaboration. As a result, Newark has seen dramatic increases in students' science achievement scores--averaging 10% growth sustained over three years--in those schools that worked with Stevens in this program. In 2004, science scores increased by almost 10% district-wide and by 20% in the participating schools. This demonstrates the value and impact of the NJ CHE grant. As teachers developed their computer skills and their ability to integrate the real time projects into their teaching, the impact over time is valuable. Additionally, in 2002/2003 Newark sponsored an additional program for 10 low performing schools focusing on the NJ GEPA topics. Since then, CIESE and Newark continue to seek out new opportunities to work together to help improve education in the district. The program provides full-day professional development sessions, in-school visitations, and summer workshops.

CIESE - Passaic Public Schools

Type of Partnership: Professional Development for Teachers

Year Began: 1997

CONTACT INFORMATION

Beth McGrath, Director, Center for Innovation in Engineering and Science Education
Stevens Institute of Technology
Castle Point on the Hudson, Hoboken, NJ 07030
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Fax: 201.216.8069
Email: bmcgrath@stevens.edu

Partners: Passaic Public Schools, Stevens Institute of Technology's Center for Innovation in Engineering and Science Education, AT&T Foundation, New Jersey Department of Education, National Science Foundation, New Jersey Commission on Higher Education

DESCRIPTION

The partnership between the Passaic Public Schools and the Center for Innovation in Engineering and Science Education at Stevens Institute began in 1997 when Passaic teachers participated in an AT&T Foundation-sponsored ScienceLINK program, a three-year professional development program for middle school teachers promoting standards-based Internet-supported science curriculum resources which included ten full-day workshops during the school year and 2-week summer institutes. During the ensuing years, Passaic teachers participated in a multitude of technology in mathematics/science workshops offered through CIESE's NSF-sponsored Networking Infrastructure for Education program, K-12 Partnership Program and TIME (Technology in Mathematics Education) program. In addition, Passaic high school teachers participated in the N.J. CHE-sponsored High Technology Workforce Grant in 2002-2003. More recently, the district and Stevens have embarked on two N.J. Department of Education initiatives: the P-12 Higher Education/Public School Partnership Program and the MATRIX Program. Both are expected to start in November 2005. The program provides full-day professional development sessions, in-school visitations, and summer workshops.

Stevens Institute of Technology

NJ Higher Education Sector: Independent College or University

STEP Upward Bound Project

Type of Partnership: Precollege Program

Year Began: 1968

Participants Served: 66

CONTACT INFORMATION

Anthony C. Culpepper Jr., Director, Upward Bound Project

Stevens Institute of Technology

One Castle Point on Hudson, Hoboken, NJ 07030

Telephone: (201) 216-5387

Fax: (201) 216-8946

Email: aculpepp@stevens-tech.edu

Partners: Newark, East Orange, Orange, Hoboken, Jersey City and Union City School Districts

DESCRIPTION

The Upward Bound Project at Stevens Institute of Technology is a science, mathematics, and engineering program which generates in high school students the skills and the motivation necessary to successfully complete a high school education and then pursue and complete a post secondary baccalaureate degree in science, mathematics and engineering. The Upward Bound Project provides services to low-income and first- generation high school students to enhance and develop their learning skills, which assure students' success in science, mathematics, and engineering curricula at all educational levels and careers.

The goal of the Upward Bound Project is to introduce participants who are underrepresented in the professions of science, mathematics, and engineering to an intense academic curriculum, exposure trips in science and engineering, cultural activities, and college field trips.

Union County College

NJ Higher Education Sector: Community College

BRIDGE Program

Type of Partnership: High School - College Transition Assistance

Year Began: 1991

Participants Served: 50

CONTACT INFORMATION

Peter Vida, Asst. Dean, Enrollment Mgt/Counseling Services

Union County College

1033 Springfield Ave, Cranford, NJ 07016

Telephone: 908.709.7518

Fax: 908.709.7110

Email: vida@ucc.edu

Web Site: <http://www.ucc.edu>

Partners: Union County School Districts

DESCRIPTION

The program runs both during the academic year and in the summer. Services are provided during and after school hours and on weekends.

College for Teens

Type of Partnership: Precollege Program

Year Began: 2000

Participants Served: 100

CONTACT INFORMATION

Ms. Dale Munn, Director Lifelong Learning

Union County College

1033 Springfield Ave., Cranford, NJ 07016

Telephone: (908) 709-7678

Fax: (908) 709-7070

Email: munnn@ucc.edu

Partners: Union County, 19 school districts

DESCRIPTION

The program, while adhering to the New Jersey Core Curriculum Content Standards, gives students the chance to explore a variety of careers in science, computer science, technology, and business disciplines. Students will learn how each discipline can be applied to various career options. Students will be challenged to expand themselves academically and creatively while pursuing their individual interests. Essential skills such as applied learning, career building, leadership development, problem solving, independent thinking, and self-esteem enhancement will be explored through formal class work, lectures, laboratory and/or projects, and field trips to local industry.

Union County College

NJ Higher Education Sector: Community College

Technology Institute

Type of Partnership: Tutoring/Academic Support Services

Year Began: 2004

Participants Served: 60 per year

CONTACT INFORMATION

Dr. Wallace Smith, Vice President, Academic Affairs

Union County College

1033 Springfield Ave., Cranford, NJ 07016

Telephone: 908.709.7515

Fax: 908.709.0527

Email: smith@ucc.edu

Partners: Union County Magnet High School - a part of Union County Vocational Technical School, Union County College

DESCRIPTION

High school students become proficient in the use of the latest technology by earning industry certification in college courses while in high school. A CAIT (computer-assisted technology instructor) who is a UCC faculty member will teach classes in Microsoft, computer-design, and computer applications for certification to Union County Magnet High School students throughout the year.

Union County Magnet High School

Type of Partnership: College Credits for High School Students

Year Began: 1998

Participants Served: 225

CONTACT INFORMATION

Dr. Wallace Smith, Vice President, Academic Affairs

Union County College

1033 Springfield Ave., Cranford, NJ 07016

Telephone: 908.709.7515

Fax: 908.709.0527

Email: smith@ucc.edu

Partners: Union County Magnet High School - a part of Union County Vocational Technical School, Union County College

DESCRIPTION

High School students earn college credit while in high school. Union County College provides faculty to teach on the site of the Magnet High School throughout the year

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

The NJMS Smart Initiative

Type of Partnership: Precollege Program

Year Began: 1995

Higher Education Partner: UMDNJ - New Jersey Medical School

Participants Served: 150

CONTACT INFORMATION

Carmen McLaughlin, Assistant Director

UMDNJ - New Jersey Medical School

185 South Orange Avenue, MSB, A-550, Newark, NJ 07103

Telephone: (973) 972-5245

Email: guzmancl@umdnj.edu

Partners: Newark School District

DESCRIPTION

Hispanic Center of Excellence Gifted and Talented Elementary School Program - This is a weekend academy for Gifted and Talented Hispanic youth who have expressed an interest in science. The program, jointly sponsored with the FOCUS Hispanic Community Development Center I Newark, is offered for 20 Saturdays for students in grades 3-8. Hispanic Center of Excellence Summer Youth Program - The program's goal is to support the interest of Hispanic high school students in science and biomedical careers through exposure to clinical medicine. Academic enrichment includes leadership workshops, SAT preparation, interviewing techniques, and anatomy instruction.

Hispanic Center of Excellence InFoMed Program (Pre-college and undergraduate component)- This program complements existing NJMS summer academic enrichment programs by offering academic year, monthly workshops for Hispanic high school and undergraduate/graduate level students interested in entering a health profession, including medicine. Under this program, individual counseling is also provided.

Future American Scientist*Secondary/Teachers (FAS*S/T) Program - The program's goal is to expose 9th or 10th grade students to dissections, optical illusion, biomedical techniques, ethno mathematics, computer-interactive anatomy studies, career counseling, and skills development. This program is conducted every summer at Rutgers University, Newark Campus.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

The NJMS Smart Initiative - Science, Math, and Related Topics

Type of Partnership: Precollege Program

Year Began: 1995

Higher Education Partner: UMDNJ - New Jersey Medical School

Participants Served: 150

CONTACT INFORMATION

Kathy Ann Duncan, M.D., Clinical Assistant Professor

UMDNJ - New Jersey Medical School

185 S. Orange Ave., Newark, NJ 07103

Telephone: (973) 972-5245

Email: duncanks@umdnj.edu

Web Site: <http://www.umdnj.edu/smartweb>

Partners: Newark, East Orange, Irvington School Districts

DESCRIPTION

The mission of the SMART Program is to increase the awareness and interest of traditionally underrepresented minorities in science and health-related careers. The program offers students a chance to practice and develop "high order" thinking skills and the domain-independent competencies necessary for academic and workplace success. The program, designed for students grades 8th through 12th, is a set of precollege activities, including leadership training, problem solving, math and computer classes, college tours, and oral and written presentations. The students spend their time not only learning but having fun.

NJMS SMART Initiatives include:

BIOTREK: The Way to Go! - A program that explores human biology. Sample topics: body systems, muscles and bones, physics of motion, respiration, and injury prevention. Math, computers, and lots of field trips are also included. Applicants must currently be in 7th grade.

Fantastic Voyage - A program of scientific discovery. Sample topics: flight, sound, circulatory system, growth rates, ratios and proportions, tables and graphs. Math, computers, and lots of field trips are also included. Applicants must currently be in 8th grade.

EnviroQUEST - Explore connections between health, science, and environment. Emphasis on laboratory and research skills. Sample topics: bacteria, water, lead, poisons, radioactivity. Lots of field trips are also included. Applicants must currently be in 9th grade.

Mission: Health - Learn what becoming a health professional involves. Emphasis on community service and case-based learning where students work in small groups with medical students from UMDNJ to discuss health-related topics. Applicants must currently be in 10th grade.

Biomedical & Health/AP Sciences Research Apprenticeships - Participants work with professionals in classroom, clinical and/or research settings. AP science courses, SAT prep, college tours, college counseling, and lectures by health professionals are also offered. Applicants must currently be in 11th grade.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Science Enrichment Program

Type of Partnership: Precollege Program

Year Began: 1997

Higher Education Partner: UMNDJ-Robert Wood Johnson Medical School

Participants Served: 30

CONTACT INFORMATION

Janice M. Johnson, M.D., Assistant Dean

UMNDJ-Robert Wood Johnson Medical School

675 Hoes lane, C-222, Piscataway, NJ 08854

Telephone: (732) 235-2144

Fax: (732) 235-2121

Partners: New Brunswick, Perth Amboy, Plainfield, Trenton and Elizabeth School Districts

DESCRIPTION

The SEP is an intensive 6-week summer program initiated in 1997, which offers a curriculum including academic courses, career information, and counseling. The academic courses include college biology lecture and laboratory, SAT math and verbal review, expository writing, academic computing, and cognitive skills sessions to enhance reading, writing, studying, and test-taking skills. The combination of courses is designed to expand participants' academic abilities and help with the transition to college. Eligibility is based on the Health Career Opportunity Program (HCOP) grants criteria for "educationally and economically disadvantaged students." All eligible students will be reviewed by the SEP admission committee.

Hispanic Center of Excellence Summer Youth Program

Type of Partnership: Precollege Program

Year Began: 1981

Higher Education Partner: University of Medicine and Dentistry of New Jersey

Participants Served: 25

CONTACT INFORMATION

Maria L. Soto-Greene, M.D., Senior Associate Dean for Education

University of Medicine and Dentistry of New Jersey

185 South Orange Avenue, MSB, C696, Newark, NJ 07103-2714

Telephone: (973) 972-3762

Fax: (973) 972-3768

Email: sotogrml@umdnj.edu

Partners: variety of high schools in the area

DESCRIPTION

The Hispanic Center of Excellence Summer Youth Program is a six-week federally funded program that begins in June and ends in August. This program is for students who have completed the 10th- or 11th-grade and are interested in science. During this period, students are exposed to the practice of medicine, SAT preparation, CPR certification, anatomy instruction, participation in a research project, and visits to colleges. Career counseling and skills development are also provided for program participants to ensure academic success.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Marion Thomas Charter School and UMDNJ-SN Health Education Project for Students, Teachers and Families

Type of Partnership: Curriculum Development

Year Began: 1999

Higher Education Partner: University of Medicine and Dentistry of New Jersey

Participants Served: 300 students and 15 teachers

CONTACT INFORMATION

Delores Thompson, Chief School Administrator/Executive Director

Marion P. Thomas Charter School

17 Muhammad Ali Avenue, Newark, NJ 07108

Telephone: 973.621.0060

Fax: 973.621.0061

Partners: Marion P. Thomas Charter School, UMDNJ-School of Nursing

DESCRIPTION

The UMDNJ School of Nursing has partnered with the Marion P. Thomas Charter School since its conception, developing and implementing health care curriculum that meets the unique needs within this urban environment. As the school expands to the 7th grade, we are expecting the health care curriculum to deal with many complicated issues of pre-adolescence. Our RN/BSN students focus on professional development, staff health promotion, and increasing parent leadership in school as well. In addition, our students support and supplement the role of the school nurse as part of their clinical experience.

Pre-Medical Honors

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 2001

Higher Education Partner: University of Medicine and Dentistry of New Jersey

Participants Served: 250

CONTACT INFORMATION

Jacob Jay Lindenthal, PhD, DrPH, Director

UMDNJ-New Jersey Medical School

185 South Orange Avenue, Newark, NJ 07101

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Fax: 973.972.6427

Email: lindenth@umdnj.edu

Web Site: <http://njms.umdj.edu/premedhonpro>

Partners: UMDNJ-New Jersey Medical School and several school districts in NJ

DESCRIPTION

The Pre-Medical Honors program is an effort by UMDNJ-NJMS to identify and encourage the most qualified high school students in New Jersey to consider careers in medicine and the health sciences. Our mission is to encourage them to apply to our own outstanding programs. To date, almost 1300 high school students have graduated from this program. About 40 percent of the student body derives from inner city high schools in Newark, Jersey City and Paterson. Other students have come from throughout the state, including Princeton, Trenton, Cliffside Park, Montclair and Fort Lee.

Students are exposed to twenty one hour lectures by professors from the UMDNJ-New Jersey Medical School, as well as didactic sessions conducted by faculty members and medical students. Enrollees are invited to participate in a wide-range of activities, including elective courses such as basic life support, cardiopulmonary physiology, medical librarianship, and tours of pathology labs and University Hospital.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Urban Scholars Program

Type of Partnership: Precollege Program

Year Began: 1990

Higher Education Partner: University of Medicine and Dentistry of New Jersey

Participants Served: 10-15

CONTACT INFORMATION

Clinton Dozier, Director, Pre-College Programs, UMDNJ-School of Health Related Professions

University of Medicine and Dentistry of New Jersey

Newark, NJ

Telephone: 973.972.9596

Email: dozier@umdnj.edu

Partners: Newark Public Schools, East Orange Public Schools, Irvington Public Schools

DESCRIPTION

The goal of the Urban Scholars Program is to prepare underrepresented minorities for careers in the health professions. The program's objectives are to provide an advanced enrichment experience so that graduating seniors can get a head start on their first year in college, and to expose students to a variety of health care professions. During the summer students take courses in pre-calculus, mathematics, and the art of academic survival. Tutoring, academic advisement and counseling sessions were also provided. Student engaged in research projects with faculty and/or University staff. Field trips are provided and students complete 6 hours of community service.

Decision for Dentistry

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 2003

Higher Education Partner: University of Medicine and Dentistry of New Jersey - New Jersey Dental School

Participants Served: 45

CONTACT INFORMATION

Jeanette DeCastro, Director, Academic Advisement and Support Programs, UMDNJ-NJDS

University of Medicine and Dentistry of New Jersey - New Jersey Dental School

Newark, NJ

Telephone: 973.972.7816

Email: decastje@umdnj.edu

Partners: Newark Board of Education - all high schools, Police Athletic League

DESCRIPTION

Decision for Dentistry (DFD) was developed in collaboration with school-to-career counselors in Newark high schools. It introduces high school students to career options available in dentistry. The objectives are to: introduce students to the wide range of career options associated with a doctoral degree in dentistry; offer students an informative, hands-on experience to shed light on the dental school experience; assist students in understanding the requirement to enter dental school and what they must do to meet those requirements; and link students with a dental student and/or UMDNJ-NJDS faculty member to serve as mentor.

DFD is a three-phase program offered three times annually, in October, November and December. Fifteen students are recruited from the high schools and invited to participate in three full-day sessions at UMDNJ-NJDS. Activities include lectures, hands-on activities, meeting with mentors, and attending an admissions symposium.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Articulated High School Partnerships - Health Science Careers

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 1992

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Health Related Professions

Participants Served: 1618

CONTACT INFORMATION

Suzanne D'Anna, Health Science Careers Program Director

Newark, NJ

Telephone: 908.889.2434 or 973.650.9421

Email: dannase@umdnj.edu

Partners: Abraham Clark High School, Atlantic County Vocational Technical School, Bergenfield High School, Bergen County Academy for Medical Science Technology, Bloomfield High School

DESCRIPTION

The mission of the program is to provide School to Careers preparation for multiple health careers through a core curriculum emphasizing science, the human and organizational side of health care, and the opportunity to earn college credit and clinical experience. The program focuses on the concept of the health care team as essential to patient well-being, creating a health workforce that has ethnic and gender diversity, promoting a broadly trained health practitioner who will meet the needs for future health professionals. The goal is to provide students with a strong foundation in science, communication, and the health care system, and enhance quality high school students to successfully matriculate in college. The Health Science Careers program has a broad-based interdisciplinary core curriculum.

Services are provided during the academic year. Services include curriculum and all coursework for a variety of courses including Dynamics of Health Care in Society, Anatomy and Physiology I and II. The program provides professional development for teachers and standardized testing for students.

Community Oriented Primary Care (COPC) Projects

Type of Partnership: Non-Academic Support Services

Year Began: 1998

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

CONTACT INFORMATION

John W. Crosbie, Director of Strategic Planning

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Newark, NJ

Telephone: 856.566.6241

Email: crosbiwj@umdnj.edu

Partners: University of Medicine and Dentistry of NJ - School of Osteopathic Medicine, Southern New Jersey Area Health Education Centers, Camden School System

DESCRIPTION

All third-year School of Osteopathic Medicine students participate in expanded community service rotations at AHEC sites in Camden. Each year, 16 COPC Teams, each consisting of 10 students, assess health needs and implement projects to help underserved communities, with an emphasis on children. COPC works with Camden public school students and their families. This year, The COPC team from the School of Osteopathic Medicine is addressing obesity in elementary school children and prenatal and baby care for teenage mothers.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Job Shadowing Initiative

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 2003

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Participants Served: 5

CONTACT INFORMATION

John W. Crosbie, Director of Strategic Planning

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Stratford, NJ

Telephone: 856.566.6241

Email: crosbijw@umdnj.edu

Partners: Garden State AHEC/UMDNJ - SOM, Underwood Memorial Hospital, Woodbury High School, Gloucester County Institutes of Technology

DESCRIPTION

With a focus on getting young students interested in careers in healthcare, Garden AHEC, part of NJAHEC, recently facilitated a two-day hands-on job shadow at Underwood Memorial Hospital (UMH) in Woodbury, NJ. A dozen Woodbury High School students took part in the job shadowing, a collaborative effort between UMH, Gloucester County Institute of Technology (GCIT) in Sewell, NJ, Woodbury High School and Garden AHEC. The shadow was made possible by a New Jersey Department of Education Tech Prep grant.

The job shadowing begins with a pre-session orientation where students pick their shadowing sites and write down their expectations. The students attend a guided tour of the hospital and spend half a day shadowing in departments including: Maternal Child Health, Respiratory Therapy, or Cardiac Catheterization Lab, Pharmacy. They are given a list of guided questions that they use to interview their mentor. This experience takes place during the academic year.

Kids in Health Care Program

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 1999

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Participants Served: 40+

CONTACT INFORMATION

John W. Crosbie, Director of Strategic Planning

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Stratford, NJ

Telephone: 856.566.6241

Email: crosbijw@umdnj.edu

Partners: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine, Charles E. Brimm Medical Arts High School, Camden School System

DESCRIPTION

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine Family Medicine residents participate in a program for the Charles E. Brimm Medical Arts High School at Our Lady of Lourdes Medical Center in Camden, where they discuss health related issues with high school students, including potential careers in clinical medicine. Throughout school year, provide discussions and mentoring by medical residents for high school students on careers in medicine. This well-received program is being expanded by School of Osteopathic Medicine Family Medicine physicians for Camden's 7th-and 8th-grade students.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Medical Assistant Career Program

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 2001

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Participants Served: 30

CONTACT INFORMATION

John W. Crosbie, Director of Strategic Planning

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Stratford, NJ

Telephone: 856.566.6241

Email: crosbijw@umdnj.edu

Partners: University of Medicine and Dentistry of NJ - School of Osteopathic Medicine, Camden County Vocational Institute, Harrison Career Institute, Star Technical School

DESCRIPTION

To help students attending Camden County Vocational Institutes pursue a career as a medical assistant. Students are mentored by faculty.

Medical Sciences Academy

Type of Partnership: Build Interest in a Specific Discipline - Science and Mathematics

Year Began: 1989

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Participants Served: 57

CONTACT INFORMATION

John W. Crosbie, Director of Strategic Planning

University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Stratford, NJ

Telephone: 856.566.6241

Email: crosbijw@umdnj.edu

Partners: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine, All high schools in Camden, Burlington, and Gloucester Counties

DESCRIPTION

University of Medicine and Dentistry of NJ - School of Osteopathic Medicine runs this project for high school honor students from the tri-county area (Burlington-Camden-Gloucester) where 12th grade honor students with interest in math, science or health professions attend a 28-week medical orientation consisting of didactics and clinical experiences. Promote pursuing careers in math, science and health science. The students, who meet weekly for 28 weeks on Tuesdays and Thursdays from 2:00 to 3:30 p.m., participate in lab learning experiences and receive presentations by guest speakers on the medical and health care professions. Every high school in the three counties can send up to two students to participate in the program, which will provide credits that may be transferred to many colleges and universities.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

National Youth Leadership Forum on Medicine

Type of Partnership: Build Interest in a Specific Discipline - Health Careers & Professions

Year Began: 1999

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine

Participants Served: 200

CONTACT INFORMATION

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Partners: University of Medicine and Dentistry of NJ - School of Osteopathic Medicine, National Youth Leadership Forum

DESCRIPTION

The goal of this program is to expose honor students, grades 10 thru 12, to medical science and to encourage careers in medicine. The faculty volunteers to teach clinical and basic science. Students participate in mini-medical school program lectures.

Annual Evaluation of the National Environmental Health Education Campaign's Teacher Training Program

Type of Partnership: Professional Development for Teachers

Year Began: 1994

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Public Health

Participants Served: 1704

CONTACT INFORMATION

Laura Hemminger, Director, Resouce Center

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Partners: Dow Chemical Company Foundation, Johnson & Johnson, Praxair Foundation, Inc., National Institute of Environmental Health Sciences, School districts: Avenel; Bound Brook; Bridgewater; Clark; East Brunswick; East Orange; Edison; Elizabeth; Flemington; Freehold; Glen Gardner; Haledon; Hamilton; Hazlet; Irvington; Jersey City; Lanoka Harbor; Livingston; Manalapan; Manville;

DESCRIPTION

The annual summer institute helps to enhance environmental health science education in K-12th grade. Hands-on, interactive teacher professional development workshops focus on innovative environmental health sciences curriculum. Approximately 175 teachers attend free summer workshops gaining skills and resources to use environmental health science for learning across disciplines, to enhance their capacity to teach basic science and math concepts and to acquire new methods to address education standards. The workshops may focus on toxicology, water pollution, air pollution or grant writing. Workshops are conducted by health educators and classroom teachers. Sessions may include interactive, scientific and other small group activities, current information from research scientists, curriculum integration discussions and cooperative learning. Teacher training is offered over the summer, with follow-up assessment conducted during the school year.

University of Medicine & Dentistry of NJ

NJ Higher Education Sector: Public Research University

Safe Schools

Type of Partnership: Non-Academic Support Services

Year Began: 1992

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Public Health

Participants Served: 300

CONTACT INFORMATION

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DESCRIPTION

Safe Schools is designed to assist schools in reducing risk to occupational safety and health hazards. Since 1992, Safe Schools has involved a number of outreach components designed to support teachers, administrators, coordinators and those involved in school-to-careers. The Safe Schools Manual consists of a series of checklists that allow schools to self-inspect for health and safety regulations. Updates are made twice each year to reflect changes in regulations and are subsequently mailed to schools. The Safe Schools newsletter is sent to schools twice a year with information and updates. Safe Schools also analyzes records of injury and illness from schools, as well as providing assistance with safety and health issues relevant to school-to-careers. Throughout the year, free training on a variety of health and safety topics is offered to teachers. Teacher training, special consultation, accident report analysis, manual updates and taskforce meetings are coordinated throughout the year.

SUC2ES2 - Students Understanding Critical Connections Between the Environment, Society and Self

Type of Partnership: Curriculum Development

Year Began: 2000

Higher Education Partner: University of Medicine and Dentistry of New Jersey - School of Public Health

Participants Served: 87 adults 1870 students

CONTACT INFORMATION

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Partners: Environmental and Occupational Health Sciences Institute, University of Medicine and Dentistry of NJ - School of Public Health, Woodbridge Township School District, NJ State Department of Education, Rutgers Graduate School of Education

DESCRIPTION

SUC2ES2 represents a seven-year partnership between the Woodbridge Township School District, the Environmental and Occupational Health Sciences Institute and the University of Medicine and Dentistry of NJ School of Public Health, in collaboration with the NJ State Department of Education and the Rutgers Graduate School of Education. Curriculum guides are being developed for second, fifth, and seventh-graders in the district that incorporate environmental health themes as methods for improving academic performance. The integrative materials address NJ core curriculum content standards. The award-winning ToxRAPtm (Toxicology, Risk Assessment and Pollution) curriculum serves as the foundation for creating the new guides. ToxRAPtm enables youth to understand basic environmental health sciences concepts and to make informed decisions to reduce their health risks. As of September 2004, the second-grade module has been implemented district-wide; fifth-grade is being implemented in half of the district's elementary schools; and the seventh-grade module is being pilot-tested. Curriculum development, teacher training, and student assessment projects are coordinated throughout the academic year and during the summer.

Warren County Community College

NJ Higher Education Sector: Community College

Higher Education Advanced Degree Start-Up Program ("Heads-Up" Program)

Type of Partnership: College Credits for High School Students

Year Began: 2001

Participants Served: 400-500

CONTACT INFORMATION

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Partners: Phillipsburg High School, Belvidere High School, Warren County Technical School, All County High Schools are invited to participate

DESCRIPTION

Warren County Community College and Warren County School Districts recognize the value of a program that allows high school students to begin to accrue college credits while completing their high school experience. The HEADS UP Enrollment Program is a partnership program linking high schools and the College to provide qualified high school students with an opportunity to enroll during part of the school day in general education transferable courses. Students who successfully complete these courses will earn College credit, which will be documented on an official WCCC transcript. Students will have the option to apply the credits directly to a WCCC degree program or transfer them to another college or university as they pursue their higher education options.

William Paterson University of NJ, The

NJ Higher Education Sector: State College or University

Paterson Teachers for Tomorrow (PT4T)

Type of Partnership: Professional Development for Teachers

Year Began: 1999

Higher Education Partner: William Paterson University

CONTACT INFORMATION

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Partners: Eastside HS, Paterson, John F. Kennedy HS, Paterson, Rosa Parks HS, Paterson

DESCRIPTION

The challenge for Paterson is to attract and retain academically and pedagogically talented teachers for urban schools-teachers who are committed to remain in those schools to do the difficult, long-term work of reform and renewal. Committed to helping Paterson realize its potential from within, the Paterson Teachers for Tomorrow program serves to provide opportunities for students to both teaching as a profession and become certified teaching professionals who are dedicated to reforming Paterson Public Schools. Club meetings in high schools; bi-annual field trips; annual leadership retreats; summer educational program; fall & spring parent information dinner; annual awards dinner; annual scholarship to William Paterson University; weekly study group sessions for those at William Paterson University.

Pre-College Academy/Project GRAD Newark

Type of Partnership: Precollege Program

Year Began: 2001

Higher Education Partner: William Paterson University

Participants Served: 19

CONTACT INFORMATION

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Partners: Malcolm X Shabazz High School, Central High School

DESCRIPTION

The goal of the project is to provide students with a developmental education program that emphasizes specific courses that will enable students to reinforce and/or develop their academic skills and abilities. Another goal of the project is to make students aware of the rigors of college life (i.e. course work, residence hall life, and collaborative study techniques) so that they will make a smooth transition from high school to college when the time occurs.
